

ARIZONA CORPORATION COMMISSION
UTILITIES DIVISION

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ANNUAL REPORT MAILING LABEL – MAKE CHANGES AS NECESSARY

ARIZONA CORPORATION COMMISSION
DIRECTOR OF UTILITIES

W-01445A
Arizona Water Company
P.O. Box 29006
Phoenix, AZ 85038-9006

ANNUAL REPORT

FOR YEAR ENDING

12	31	2003
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FOR COMMISSION USE

ANN04	03
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COMPANY INFORMATION

Company Name (Business Name) <u>Arizona Water Company</u>			
Mailing Address <u>PO Box 29006</u>			
<u>Phoenix</u> (City)	<u>AZ</u> (State)	<u>85038-9006</u> (Zip)	
<u>(602) 240-6860</u>	<u>(602) 240-6878</u>		
Telephone No. (Include Area Code)	Fax No. (Include Area Code)	Pager/Cell No. (Include Area Code)	
Email Address <u>Mail@azwater.com</u>			
Local Office Mailing Address <u>PO Box 29006</u>			
<u>Phoenix</u> (City)	<u>AZ</u> (State)	<u>85038-9006</u> (Zip)	
<u>(602) 240-6860</u>	<u>(602) 240-6878</u>		
Local Office Telephone No. (Include Area Code)	Fax No. (Include Area Code)	Pager/Cell No. (Include Area Code)	
Email Address <u>Mail@azwater.com</u>			

MANAGEMENT INFORMATION

Management Contact: <u>William M. Garfield</u>		<u>President/CEO</u>	
<u>(Name)</u>		<u>(Title)</u>	
<u>3805 North Black Canyon Highway</u> (Street)	<u>(City)</u>	<u>Phoenix, AZ</u> (State)	<u>85015-5351</u> (Zip)
<u>(602) 240-6860</u>	<u>(602) 240-6878</u>		
Telephone No. (Include Area Code)	Fax No. (Include Area Code)	Pager/Cell No. (Include Area Code)	
Email Address <u>President@azwater.com</u>			
On Site Manager: <u>See "Attachment A"</u>			
<u>(Name)</u>			
<u>(Street)</u>	<u>(City)</u>	<u>(State)</u>	<u>(Zip)</u>
Telephone No. (Include Area Code)	Fax No. (Include Area Code)	Pager/Cell No. (Include Area Code)	
Email Address _____			

☐ Please mark this box if the above address(es) have changed or are updated since the last filing.



ARIZONA WATER COMPANY

DIVISION OFFICES

Attachment A

DIVISION ADDRESS	SYSTEM	ON-SITE MANAGER PHONE & FAX E-MAIL ADDRESS
2380 W. Southern Ave. PO Box 400 (85217) Apache Junction, AZ 85220	Apache Junction	Judd Williams (480)982-2201 (480)983-6390 ApacheJunction@AZWater.Com
1345 Naco Highway, Suite A PO Box AW Bisbee, AZ 85603	Bisbee	Joe Mauzy (520)432-5321 (520)432-1244 Bisbee@AZWater.Com
77 Calle Portal B-120 PO Box 2020 Sierra Vista, AZ 85635	Sierra Vista	Joe Mauzy (520)458-5660 (520)459-2533 SierraVista@AZWater.Com
220 E. 2 nd . St. Casa Grande, AZ 85222 PO Box 11030 Casa Grande, AZ 85230-1030	Casa Grande (Ajo, Stanfield, Tierra Grande, and White Tank)	Jerry Dexel (520)836-8785 (520)836-2850 CasaGrande@AZWater.Com
448 W. Central Ave. PO Box 1568 Coolidge, AZ 85228	Coolidge	Jerry Dexel (520)723-5346 (520)723-3081 Coolidge@AZWater.Com
1669 N. White Mountain Blvd. PO Box 246 Lakeside, AZ 85929	Lakeside	Ted Millspaugh (928)368-6993 (928)368-8375 Lakeside@AZWater.Com
2047 Highway 277 PO Box 117 Overgaard, AZ 85933	Overgaard	Ted Millspaugh (928)535-4469 (928)535-4591 Overgaard@AZWater.Com
422 Sullivan St. PO Box A Miami, AZ 85539	Miami	Freddy Rios (928)473-4433 (928)473-2271 Miami@AZWater.Com
20 N. Magma Ave. PO Box R Superior, AZ 85273	Superior	Freddy Rios (520)689-2312 (520)689-2615 Superior@AZWater.Com
460 Avenue A PO Box 120 San Manuel, AZ 85631	San Manuel Oracle Winkelman	Charles H. Allen III (520)385-2226 (520)385-2082 SanManuel@AZWater.Com
65 Coffee Pot Dr. Ste. 7 Sedona, AZ 86336	Sedona Pinewood Rimrock	Raymond Miller (928)282-7092 (928)282-6131 Sedona@AZWater.Com

Statutory Agent: Robert W. Geake			
(Name)			
3805 North Black Canyon Highway		Phoenix, AZ 85015-5351	
(Street)	(City)	(State)	(Zip)
(602) 240-6860		(602) 240-6878	
Telephone No. (Include Area Code)	Fax No. (Include Area Code)	Pager/Cell No. (Include Area Code)	
Attorney: Robert W. Geake			
(Name)			
3805 North Black Canyon Highway		Phoenix, AZ 85015-5351	
(Street)	(City)	(State)	(Zip)
(602) 240-6860		(602) 240-6878	
Telephone No. (Include Area Code)	Fax No. (Include Area Code)	Pager/Cell No. (Include Area Code)	

☐ Please mark this box if the above address(es) have changed or are updated since the last filing.

OWNERSHIP INFORMATION

Check the following box that applies to your company:

<input type="checkbox"/> Sole Proprietor (S)	<input checked="" type="checkbox"/> C Corporation (C) (Other than Association/Co-op)
<input type="checkbox"/> Partnership (P)	<input type="checkbox"/> Subchapter S Corporation (Z)
<input type="checkbox"/> Bankruptcy (B)	<input type="checkbox"/> Association/Co-op (A)
<input type="checkbox"/> Receivership (R)	<input type="checkbox"/> Limited Liability Company
<input type="checkbox"/> Other (Describe) _____	

COUNTIES SERVED

Check the box below for the county/ies in which you are certificated to provide service:

<input type="checkbox"/> APACHE	<input checked="" type="checkbox"/> COCHISE	<input checked="" type="checkbox"/> COCONINO
<input checked="" type="checkbox"/> GILA	<input type="checkbox"/> GRAHAM	<input type="checkbox"/> GREENLEE
<input type="checkbox"/> LA PAZ	<input checked="" type="checkbox"/> MARICOPA	<input type="checkbox"/> MOHAVE
<input checked="" type="checkbox"/> NAVAJO	<input checked="" type="checkbox"/> PIMA	<input checked="" type="checkbox"/> PINAL
<input type="checkbox"/> SANTA CRUZ	<input checked="" type="checkbox"/> YAVAPAI	<input type="checkbox"/> YUMA
<input type="checkbox"/> STATEWIDE		

UTILITY PLANT IN SERVICE

Acct. No.	DESCRIPTION	Original Cost (OC)	Accumulated Depreciation (AD) *	O.C.L.D. (OC LESS AD)
301	Intangible-Organization	651		
302	Intangible-Franchises	21,635		
303	Intangible-Miscellaneous	832,870		
310.10	Source of Supply-Water Rights	1,104,540		
310.30	Source of Supply-Land-Other-Wells	538,139		
314	Source of Supply-Wells	16,334,839		
320	Pumping-Land	79,790		
321	Pumping-Structures and Improvements	627,904		
325	Pumping-Electrical Equipment	14,691,277		
328	Pumping-Gas Engine Equipment	199,806		
330	Water Treatment-Land	550		
331	Water Treatment-Structures and Improvements	301,602		
332	Water Treatment-Equipment	1,161,534		
340	Transmission and Distribution-Land	510,923		
342	Transmission and Distribution-Storage Tanks	10,856,831		
343	Transmission and Distribution-Mains	101,992,276		
344	Transmission and Distribution-Fire Sprinklers	29,813,945		
345	Transmission and Distribution-Services	2,110,943		
346	Transmission and Distribution-Meters	5,082,324		
348	Transmission and Distribution-Hydrants	8,637,716		
389	General-Land	63,601		
390	General-Structures and Improvements	1,603,210		
391	General-Office Furniture and Equipment	4,656,095		
393	General-Stores Equipment	39,003		
394	General-Tools, Shop and Garage Equipment	923,837		
395	General-Laboratory Equipment	54,639		
396	General-Power Operated Equipment	179,829		
397	General-Communication Equipment	2,628,309		
398	General-Miscellaneous Equipment	237,453		
	Totals	205,286,071	50,761,349	154,524,722
	LEASEHOLD IMPROVEMENTS			
390	General-Structures and Improvements	1,635,365	776,918	858,447
	TOTALS	206,921,436	51,538,267	155,383,169

* Depreciation is calculated using a composite depreciation rate and leasehold improvements are amortized on a straight line basis over the life of the lease.

The Commission's 2003 report format does not match the NARUC Class A Water Utility Uniform System of Accounts that the Company has adopted. Therefore, in some cases the Company's reports will differ from the Commission's 2003 format.

CALCULATION OF DEPRECIATION EXPENSE FOR CURRENT YEAR

Acct. No.	DESCRIPTION	Original Cost (1)	Depreciation Percentage (2) *	Depreciation Expense (1 x 2)
301	Intangible-Organization	651		
302	Intangible-Franchises	21,635		
303	Intangible-Miscellaneous	832,870		
310.10	Source of Supply-Water Rights	1,104,540		
310.30	Source of Supply-Land-Other-Wells	538,139		
314	Source of Supply-Wells	16,334,839		
320	Pumping-Land	79,790		
321	Pumping-Structures and Improvements	627,904		
325	Pumping-Electrical Equipment	14,691,277		
328	Pumping-Gas Engine Equipment	199,806		
330	Water Treatment-Land	550		
331	Water Treatment-Structures and Improvements	301,602		
332	Water Treatment-Equipment	1,161,534		
340	Transmission and Distribution-Land	510,923		
342	Transmission and Distribution-Storage Tanks	10,856,831		
343	Transmission and Distribution-Mains	101,992,276		
344	Transmission and Distribution-Fire Sprinklers	29,813,945		
345	Transmission and Distribution-Services	2,110,943		
346	Transmission and Distribution-Meters	5,082,324		
348	Transmission and Distribution-Hydrants	8,637,716		
389	General-Land	63,601		
390	General-Structures and Improvements	1,603,210		
391	General-Office Furniture and Equipment	4,656,095		
393	General-Stores Equipment	39,003		
394	General-Tools, Shop and Garage Equipment	923,837		
395	General-Laboratory Equipment	54,639		
396	General-Power Operated Equipment	179,829		
397	General-Communication Equipment	2,628,309		
398	General-Miscellaneous Equipment	237,453		
	Totals	205,286,071	2.59%	4,406,824
	LEASEHOLD IMPROVEMENTS			
390	General-Structures and Improvements	1,635,365	straight-line	64,255
	TOTALS	206,921,436		4,471,079

* Depreciation is calculated using a composite depreciation rate and leasehold improvements are amortized on a straight line basis over the life of the lease.

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BALANCE SHEET

Acct. No.	ASSETS	BALANCE AT BEGINNING OF YEAR	BALANCE AT END OF YEAR
	CURRENT AND ACCRUED ASSETS		
131	Cash	\$472,922	\$313,058
134	Other Special Deposits	1,950	1,950
135	Working Funds	30,550	30,550
142	Customer Accounts Receivable	792,691	866,339
143	Other Accounts Receivable	62,644	27,584
144	Accumulated Provision for Uncollectible Accounts	(19,216)	(20,365)
154	Plant Materials and Supplies	186,927	189,392
163	Stores Expense	15,329	15,257
166	Prepayments	508,599	346,910
173	Accrued Utility Revenues	1,600,407	1,601,090
	TOTAL CURRENT AND ACCRUED ASSETS	\$3,652,803	\$3,371,765
	DEFERRED DEBITS		
181	Unamortized Debt Discount and Expense	\$40,896	\$37,992
184	Clearing Accounts	9	2,040
185	Temporary Facilities	(26,740)	(26,740)
186	Miscellaneous Deferred Debits	5,521,822	6,256,823
	TOTAL DEFERRED DEBITS	\$5,535,987	\$6,270,115
	FIXED ASSETS		
101	Utility Plant in Service	\$191,989,857	\$206,921,436
107	Construction Work in Process	3,447,562	1,761,907
108	Accumulated Depreciation - Utility Plant	(47,228,763)	(51,538,267)
114	Utility Plant Acquisition Adjustment	(832,483)	(832,483)
115	Accum. Amort. of Utility Plant Acq. Adj.	832,483	832,483
121	Non-Utility Property	753	753
122	Accumulated Depreciation - Non Utility	0	0
	TOTAL FIXED ASSETS	\$148,209,409	\$157,145,829
	TOTAL ASSETS	\$157,398,199	\$166,787,709

NOTE: The Assets on this page should be equal to Total Liabilities and Capital on the following page.

The Commission's 2003 report format does not match the NARUC Class A Water Utility Uniform System of Accounts that the Company has adopted. Therefore, in some cases the Company's reports will differ from the Commission's 2003 format.

BALANCE SHEET (CONTINUED)

Acct. No.	LIABILITIES	BALANCE AT BEGINNING OF YEAR	BALANCE AT END OF YEAR
	CURRENT LIABILITIES		
231	Notes Payable (Current Portion)	\$4,900,000	\$400,000
232	Accounts Payable	3,512,199	2,238,803
235	Customer Deposits	450,973	452,647
236	Accrued Taxes	448,044	637,355
237	Accrued Interest	546,367	530,652
242	Miscellaneous Current and accrued Liabilities	404,268	445,314
	TOTAL CURRENT LIABILITIES	\$10,261,851	\$4,704,771
	LONG-TERM DEBT (Over 12 Months)		
221	Bonds	\$22,195,697	\$21,800,000
224	Other Long-Term Debt	4,303	0
	TOTAL LONG-TERM DEBT (Over 12 Months)	\$22,200,000	\$21,800,000
	DEFERRED CREDITS		
252	Advances in Aid of Construction	35,114,889	39,053,165
253	Other Deferred Credits	3,227,478	2,618,131
265	Miscellaneous Operating Reserves	303,247	293,196
271	Contributions in Aid of Construction	24,428,007	26,941,615
272	Less: Amortization of Contributions	(3,966,676)	(4,616,311)
281	Accumulated Deferred Investment Tax Credits	755,776	719,545
281	Accumulated Deferred Income Tax	12,157,173	14,157,223
	TOTAL DEFERRED CREDITS	\$72,019,894	\$79,166,564
	TOTAL LIABILITIES	\$104,481,745	\$105,671,335
	CAPITAL ACCOUNTS		
201	Common Stock Issued	\$2,700,000	\$2,700,000
211	Miscellaneous Paid-In Capital	2,940,647	8,970,647
216	Retained Earnings	47,275,807	49,445,727
	TOTAL CAPITAL	\$52,916,454	\$61,116,374
	TOTAL LIABILITIES AND CAPITAL	\$157,398,199	\$166,787,709

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COMPARATIVE STATEMENT OF INCOME AND EXPENSE

Acct. No.	OPERATING REVENUES	PRIOR YEAR	CURRENT YEAR
461	Metered Water Revenue	\$34,850,454	\$35,437,140
462	Fire Protection Revenue	28,386	30,470
471	Miscellaneous Service Revenues	1,653,102	1,680,182
472	Rents from Water Property	1,750	2,100
474	Other Water Revenues	346,370	395,412
	TOTAL OPERATING REVENUES	\$36,880,062	\$37,545,304
	OPERATING EXPENSES		
600	Source of Supply Operation-Supervision and Engineering	\$38,386	\$40,936
601	Source of Supply Operation-Labor and Expenses	0	0
602	Source of Supply Operation-Purchased Water	1,648,073	1,460,269
603	Source of Supply Operation-Miscellaneous	55,919	57,111
610	Source of Supply Maintenance-Supervision and Engineering	26,957	30,259
614	Source of Supply Maintenance-Wells and Springs	5,319	4,263
620	Pumping Operation-Supervision and Engineering	52,329	55,645
623	Pumping Operation-Purchased Power	3,046,173	3,092,902
624	Pumping Operation-Labor and Expenses	526,236	591,535
630	Pumping Maintenance-Supervision and Engineering	29,550	31,274
631	Pumping Maintenance-Structures and Improvements	79,890	119,985
633	Pumping Maintenance-Equipment	276,375	350,936
640	Water Treatment Operation-Supervision and Engineering	29,789	34,299
641	Water Treatment Operation-Chemicals	255,404	269,581
642	Water Treatment Operation-Labor and Expenses	347,478	373,776
650	Water Treatment Maintenance-Supervision and Engineering	32,170	35,310
651	Water Treatment Maintenance-Structures and Improvements	183	2,322
652	Water Treatment Maintenance-Equipment	180,881	160,447
660	Trans. and Distrib. Operation-Supervision and Engineering	85,524	93,719
661	Trans. and Distrib. Operation-Storage Facilities	25,784	31,650
662	Trans. and Distrib. Operation-Lines Expenses	465,614	464,710
663	Trans. and Distrib. Operation-Meters	795,967	833,480
664	Trans. and Distrib. Operation-Customer Installations	82,283	90,036
665	Trans. and Distrib. Operation-Miscellaneous	82,462	86,583
666	Trans. and Distrib. Operation-Rents	10,001	14,747
670	Trans. and Distrib. Maintenance-Supervision and Engineering	169,366	178,114
672	Trans. and Distrib. Maintenance-Tanks	297,465	297,465
673	Trans. and Distrib. Maintenance-Mains	505,831	545,875
675	Trans. and Distrib. Maintenance-Services	641,572	682,905
676	Trans. and Distrib. Maintenance-Meters	215,325	331,298
677	Trans. and Distrib. Maintenance-Hydrants	74,716	71,166

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COMPARATIVE STATEMENT OF INCOME AND EXPENSE (CONTINUED)

Acct. No.	OPERATING EXPENSES (CONTINUED)	PRIOR YEAR	CURRENT YEAR
901	Customer Accounts Operation-Supervision	\$130,936	\$136,915
902	Customer Accounts Operation-Meter Reading	462,759	470,071
903	Customer Accounts Operation-Customer Records and Collection	2,112,388	2,147,187
904	Customer Accounts Operation-Uncollectible Accounts	83,337	83,490
905	Customer Accounts Operation-Miscellaneous	274,356	299,212
907	Customer Service and Information Operation	16,394	13,589
910	Sales Promotion Operation	0	0
920	Administrative and General Operation-Salaries	981,022	1,023,048
921	Administrative and General Operation-Office Supplies and Other	114,379	123,268
923	Administrative and General Operation-Outside Services Employed	273,275	253,215
924	Administrative and General Operation-Property Insurance	11,256	27,792
925	Administrative and General Operation-Injuries and Damages	180,243	310,280
926	Administrative and General Operation-Employee Pensions and Benefits	1,678,621	1,945,924
928	Administrative and General Operation-Regulatory Commission	141,938	145,137
930	Administrative and General Operation-Miscellaneous	58,074	61,366
931	Administrative and General Operation-Rents	111,418	118,216
932	Administrative and General Maintenance	187,338	180,679
403	Depreciation Expense	4,123,379	4,406,824
404	Amortization Leasehold Improvements and Limited Term Utility Plant	87,375	64,255
408.10	Taxes Other than Income Taxes	5,281,557	5,403,268
409.10	Income Taxes	2,783,303	2,745,016
	TOTAL OPERATING EXPENSES	\$29,176,370	\$30,391,350
	OTHER INCOME/EXPENSE		
416	Cost and Expenses of Merchandising, Jobbing and Contract Work	(\$14,365)	(\$23,381)
420	Allowance for Funds Used During Construction	(136,164)	(53,501)
421	Miscellaneous Nonoperating Income	(149,000)	(65,067)
427	Interest on Long Term-Term Debt	1,923,383	1,886,383
428	Amortization of Debt Discount and Expense	2,904	2,904
430	Interest on Debt to Associated Companies	104,283	101,085
431	Other Interest Expense	44,903	29,139
432	Allowance for Funds Used During Construction	(248,868)	(163,228)
	TOTAL OTHER INCOME/EXPENSE	\$1,527,076	\$1,714,334
	NET INCOME	\$6,176,616	\$5,439,620

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COMPANY NAME	ARIZONA WATER COMPANY
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SUPPLEMENTAL FINANCIAL DATA
Long-Term Debt

	LOAN #1	LOAN #2	LOAN #3	LOAN #4
Date Issued	8/1/1986	4/12/1990	4/12/2001	
Source of Loan	General Mortgage Bonds	General Mortgage Bonds	General Mortgage Bonds	
ACC Decision No.	55144	56839	63418	
Reason for Loan	Debt, retirement, and additional construction.			
Dollar Amount Issued	\$ 4,000,000	\$6,000,000	\$15,000,000	\$
Amount Outstanding	\$ 1,200,000	\$6,000,000	\$15,000,000	\$
Date of Maturity	8/1/2006	3/1/2015	4/1/2031	
Interest Rate	9.25 %	9.13 %	8.04 %	%
Current Year Interest	\$ 132,583	\$ 547,800	\$1,206,000	\$
Current Year Principle	\$ 400,000	\$ -0-	\$ -0-	\$

Meter Deposit Balance at Test Year End	\$ 452,647
Meter Deposits Refunded During the Test Year	\$ 490,896

COMPANY NAME	ARIZONA WATER COMPANY
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WATER COMPANY PLANT DESCRIPTION

WELLS

ADWR ID Number*	Pump Horsepower	Pump Yield (gpm)	Casing Depth (Feet)	Casing Diameter (Inches)	Meter Size (inches)	Year Drilled
WILL	BE FURNISHED	UPON COMMISSION	REQUEST.			

* Arizona Department of Water Resources Identification Number

OTHER WATER SOURCES

Name or Description	Capacity (gpm)	Gallons Purchased or Obtained (in thousands)

BOOSTER PUMPS		FIRE HYDRANTS	
Horsepower	Quantity	Quantity Standard	Quantity Other

STORAGE TANKS		PRESSURE TANKS	
Capacity	Quantity	Capacity	Quantity

COMPANY NAME	ARIZONA WATER COMPANY
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WATER COMPANY PLANT DESCRIPTION (CONTINUED)

MAINS

Size (in inches)	Material	Length (in feet)
2	*	522,802
3	*	135,825
4	*	1,413,329
5	*	
6	*	3,743,388
8	*	1,350,648
10	*	76,443
12	*	878,079
14	*	3,265
16	*	156,634
20	*	25,551
24	*	51,786
36	*	1,585

CUSTOMER METERS

Size (in inches)	Quantity
5/8 X 3/4	65,379
3/4	
1	3,157
1 1/2	
2	894
3	71
Turbo 3	
4	62
Tubo 4	
6	49
Tubo 6	
8	4

For the following three items, list the utility owned assets in each category.

TREATMENT EQUIPMENT:

Will be furnished upon Commission request.

STRUCTURES:

OTHER:

* Mains consist of ductile iron, steel, cement and PVC pipe.

** Turbo & Compound meters are not accounted for separately.

WATER USE DATA SHEET BY MONTH FOR CALENDAR YEAR 2003

MONTH	NUMBER OF CUSTOMERS	GALLONS SOLD (THOUSANDS)	GALLONS PUMPED (THOUSANDS)
JANUARY	17063	161616.6	187710
FEBRUARY	17108	172817.8	160954.6
MARCH	17171	150307.6	206324.1
APRIL	17264	192938.8	205699.1
MAY	17358	200698.1	230443.4
JUNE	17424	239975.1	281256.1
JULY	17438	259893.3	287190.7
AUGUST	17530	244682	248820.4
SEPTEMBER	17636	255351.7	262702.3
OCTOBER	17681	213944.1	242798.2
NOVEMBER	17774	225716.4	178754.7
DECEMBER	17809	173385.3	219980.3
TOTAL		N/A	2712633.9

Is the Water Utility Located in an ADWR Active Management Area (AMA)?

☒ YES☐ NO

Does the company have an ADWR Gallons Per Capita Per Day (GPCPD) requirement?

☒ YES☐ NO

If yes, provide the GPCPD amount:

Please see the attached calculation of GPCPD from the 3rd
 Management Plan for Phoenix Active Management Area 2000-2010.

What is the level of arsenic for each well on your system?

WELL	ARSENIC LEVEL (MG/L)
#11	0.026
#12	0.013
#13	0.012
#14	0.019
#15	0.016
#16	0.033

listed in Appendix 5-L, (Low Water Use/Drought Tolerant Plant List or modifications to the list) and the total surface area of all bodies of water filled or refilled with water from any source, including effluent, that are an integral part of the landscaped area. Bodies of water used primarily for swimming purposes are not an integral part of a landscaped area.

5-102. Large Municipal Providers - Conservation Programs

- A. Beginning with the calendar year determined under section 5-103, subsection A, paragraph 2, and continuing until the first compliance date for any substitute requirement in the Fourth Management Plan, a large municipal provider shall be regulated under the Total Gallons Per Capita Per Day (GPCD) Program described in section 5-103, unless the provider has applied for and been accepted for regulation under the Non-Per Capita Conservation Program described in section 5-104 or the Alternative Conservation Program described in section 5-105, or is designated as an institutional provider under section 5-108.*

If a large municipal provider is accepted into the Non-Per Capita Conservation Program, the Alternative Conservation Program, or is designated as an institutional provider, the provider shall continue to comply with its total GPCD requirement until the first compliance date assigned by the director for the provider under the Alternative Conservation Program, the Non-Per Capita Conservation Program, or the Institutional Provider Program.

A large municipal provider that was regulated under the Non-Per Capita Conservation Program, the Alternative Conservation Program or the Institutional Provider Program under the Second Management Plan and that applies to be regulated under the same program in the Third Management Plan 180 days following adoption of the plan shall continue to be regulated under the Non-Per Capita Conservation Program, the Alternative Conservation Program or the Institutional Provider Program under the Second Management Plan, whichever applies, until January 1, 2002 or until the director approves or denies the provider's application under the Third Management Plan, whichever is later.

- B. A large municipal provider may apply for the Non-Per Capita Conservation Program as described in section 5-104. If the director approves the application, the provider shall comply with the requirements of the Non-Per Capita Conservation Program beginning on a date determined by the director but not later than January 1 of the year following the year in which the application is approved.*
- C. A large municipal provider may apply for the Alternative Conservation Program as described in section 5-105. If the director approves the application, the provider shall comply with the requirements of the Alternative Conservation Program beginning on a date determined by the director but not later than January 1 of the year following the year in which the application is approved.*
- D. A large municipal provider may apply for designation as an institutional provider pursuant to section 5-108. If the director approves the application, the provider shall comply with the institutional provider requirements assigned by the director beginning on a date determined by the director but not later than January 1 of the year following the year in which the application is approved.*
- E. A large untreated water provider shall comply with the requirements of section 5-107.*

- F. *All municipal providers shall comply with individual user requirements, distribution system requirements, and applicable monitoring and reporting requirements as prescribed in sections 5-112, 5-113, and 5-114.*

5-103. Large Municipal Provider Total Gallons Per Capita Per Day Program

A. Total GPCD Requirement

1. *Beginning with the calendar year determined under paragraph 2 of this subsection, and for each calendar year thereafter until the first compliance date for any substitute municipal conservation requirement in the Fourth Management Plan, a large municipal provider regulated under the total GPCD program shall not withdraw, divert or receive water from any source, except spillwater, direct use effluent, effluent recovered within the area of impact, and excluded CAP water, for non-irrigation use during a year in a total amount that exceeds its total GPCD requirement for the year as calculated in subsection B of this section, except as provided in the flexibility account provisions in section 5-106.*
2. *A large municipal provider regulated under the Total GPCD Program shall begin complying with its total GPCD requirements as calculated under subsection B of this section beginning with calendar year 2000, except that if the provider's total GPCD requirement for the year 2000 as calculated under subsection B of this section is lower than the provider's final total GPCD requirement under the Second Management Plan, the provider shall begin complying with its total GPCD requirements as calculated under subsection B of this section beginning with calendar year 2002.*

B. Calculation of the Annual Total GPCD Requirement

A large municipal provider's total GPCD requirement for a year shall be calculated as follows:

1. *For calendar years 2000 through 2004, multiply the provider's existing residential population for the year, as calculated pursuant to subsection D of this section, by the first intermediate GPCD component for existing residential population as assigned to the provider in Table 5-103.A.*

For calendar years 2005 through 2009, multiply the provider's existing residential population for the year, as calculated pursuant to subsection D of this section, by the second intermediate GPCD component for existing residential population as assigned to the provider in Table 5-103.A.

For the calendar year 2010, and for each calendar year thereafter until the first compliance date for any substitute total GPCD requirement in the Fourth Management Plan, multiply the provider's existing residential population for the year, as calculated pursuant to subsection D of this section, by the final GPCD component for existing residential population as assigned to the provider in Table 5-103.A.

2. *Multiply the provider's new single family population for the year, as calculated pursuant to subsection D of this section, by 57 GPCD.*
3. *Multiply the number of new single family housing units within the provider's service area as of July 1 of the calendar year in question by 178 GPHUD.*

4. *Multiply the provider's new multifamily population for the year, as calculated pursuant to subsection D of this section, by 57 GPCD.*
5. *Multiply the number of new multifamily housing units within the provider's service area as of July 1 of the calendar year in question by 77 GPHUD.*
6. *Multiply the provider's total service area population for the year, as calculated pursuant to subsection D of this section, by the GPCD component for non-residential use as assigned to the provider in Table 5-103.A.*
7. *Divide the provider's allowable lost and unaccounted for water by the number of days in the calendar year. The provider's allowable lost and unaccounted for water is the lesser of the following:*
 - a. *the provider's actual lost and unaccounted for water for the year, in gallons.*
 - b. *an amount calculated by multiplying the total gallons of water from any source, except direct use effluent, withdrawn, diverted or received by the provider during the year by 10 percent.*
8. *Add the results from paragraphs 1 through 7 of this subsection, and then divide the sum by the provider's annual service area population as of July 1 of that year. The quotient is the provider's total GPCD requirement for the calendar year.*

C. Compliance with Total GPCD Requirement

The director shall determine if a large municipal provider is in compliance with its total GPCD requirement for a calendar year pursuant to the flexibility account provisions in section 5-106, using the provider's service area population as calculated in subsection D of this section.

D. Calculation of Large Municipal Provider's Service Area Population

The director shall calculate a large municipal provider's service area population for a calendar year as follows, unless the director has approved an alternative methodology for calculating the provider's service area population prior to the calendar year in question:

1. *Determine the number of existing single family housing units and existing multifamily housing units served by the provider's distribution system as of July 1, 2000, less any existing single family housing units and any existing multifamily housing units removed from the provider's distribution system between July 1, 2000 and June 30 of the calendar year in question.*
2. *Adjust these totals by the respective average annual vacancy rate for single family housing units and multifamily housing units as calculated from the most recent census or other approved source of information.*
3. *Multiply the adjusted number of existing single family housing units calculated in paragraph 2 of this paragraph by the average number of persons per occupied single family housing unit as calculated in accordance with the most recent census or other approved source of information.*

TABLE 5-103.A
GPCD COMPONENT REQUIREMENTS
FOR EXISTING RESIDENTIAL AND NON-RESIDENTIAL
PHOENIX ACTIVE MANAGEMENT AREA

<i>Provider</i>	<i>Existing Residential</i>			<i>Non-Residential</i>
	<i>TMP1</i>	<i>TMP2</i>	<i>TMP Final</i>	
<i>Adaman Mutual Water Company</i>	108	107	105	30
<i>AJ Water Facilities District</i>	100	100	100	62
<i>City of Avondale</i>	118	109	100	36
<i>AWC - Apache Junction</i>	100	100	100	34
<i>AWC - Superior</i>	100	100	100	18
<i>AWC - White Tanks</i>	136	123	111	18
<i>Berneil Water Company</i>	421	407	392	18
<i>Town of Buckeye</i>	100	100	100	47
<i>Carefree Water Company</i>	205	198	191	341
<i>Cave Creek Water Company</i>	111	109	107	45
<i>City of Chandler</i>	127	123	119	66
<i>Chaparral City Water Company</i>	140	136	133	119
<i>Citizens Utilities - Agua Fria</i>	105	103	100	19
<i>Citizens Utilities - Sun City</i>	192	184	176	50
<i>Citizens Utilities - Sun City West</i>	160	157	155	26
<i>Desert Hills Water Company</i>	102	101	100	18
<i>City of El Mirage</i>	113	107	100	39
<i>Town of Gilbert</i>	138	135	131	53
<i>City of Glendale</i>	124	121	118	52
<i>City of Goodyear</i>	136	118	100	117
<i>H2O Water Company</i>	100	100	100	18
<i>Litchfield Park Service Company</i>	178	172	165	124
<i>Luke Air Force Base</i>	100	100	100	184
<i>City of Mesa</i>	130	116	103	51
<i>Paradise Valley Water Company</i>	436	421	406	240
<i>City of Peoria</i>	130	116	102	45

TABLE 5-103.A
GPCD COMPONENT REQUIREMENTS
FOR EXISTING RESIDENTIAL AND NON-RESIDENTIAL
PHOENIX ACTIVE MANAGEMENT AREA

<i>Provider</i>	<i>Existing Residential</i>			<i>Non-Residential</i>
	<i>TMP 1</i>	<i>TMP 2</i>	<i>TMP Final</i>	
<i>City of Phoenix</i>	135	129	123	66
<i>Pima Utilities</i>	133	127	122	287
<i>Queen Creek Water Company</i>	194	175	156	30
<i>Rio Verde Utilities</i>	141	139	137	855
<i>Rose Valley Water Company</i>	172	166	160	18
<i>City of Scottsdale</i>	171	166	162	71
<i>Sunrise Water Company</i>	133	129	124	18
<i>City of Tempe</i>	128	124	121	113
<i>City of Tolleson</i>	123	120	117	35
<i>Valley Utilities</i>	116	108	100	18
<i>Williams Air Park</i>	101	101	100	308

4. Multiply the adjusted number of existing multifamily housing units calculated in paragraph 2 of this subsection by the average number of persons per occupied multifamily housing unit as calculated in accordance with the most recent census or other approved source of information.
5. Add the products from paragraphs 3 and 4 of this subsection. The sum is the provider's existing residential population.
6. Determine the number of new single family housing units and new multifamily housing units added to the provider's distribution system between July 1 of the previous calendar year and July 1 of the calendar year in question, less any new single family and new multifamily housing units removed from the system during that period.
7. Adjust these totals by the respective average annual vacancy rate for single family housing units and multifamily housing units as calculated from the most recent census or other approved source of information.
8. Multiply the adjusted number of new single family housing units calculated in paragraph 7 of this subsection by the average number of persons per occupied single family housing unit as calculated in accordance with the most recent census or other approved source of information.
9. Multiply the adjusted number of new multifamily housing units calculated in paragraph 7 of this subsection by the average number of persons per occupied multifamily housing

unit as calculated in accordance with the most recent census or other approved source of information.

10. Add the product from paragraph 8 of this subsection to the provider's new single family population as of July 1 of the previous year and add the product from paragraph 9 of this subsection to the provider's new multifamily population as of July 1 of the previous year. The sums are the provider's new single family population and new multifamily population.
11. Add the results from paragraphs 5 and 10 of this subsection. The sum is the provider's service area population for the calendar year.

E. Exclusion of Deliveries of Central Arizona Project Water from Total GPCD Requirement

1. Exclusion

A large municipal provider may apply to the director to have CAP water delivered by the provider to a non-residential customer excluded from the provider's total water use when determining the provider's compliance with its total GPCD requirement as established pursuant to subsection B of this section. The director shall grant a one time exclusion for a period not to exceed ten years if the director finds that all of the following apply:

- a. *The provider will ultimately serve direct use effluent to the non-residential customer from a wastewater treatment plant that is either in existence or planned for construction; the provider will begin replacing the deliveries of CAP water with direct use effluent as soon as direct use effluent becomes available for delivery to the non-residential customer from the treatment facility; and the provider will completely replace the deliveries of CAP water with direct use effluent within a reasonable period of time, not to exceed ten years.*
- b. *The CAP water that the provider will deliver to the non-residential customer cannot be delivered through the provider's potable water distribution system to any of its customers located outside the boundaries of a water users association, as defined in A.R.S. § 10-140, because of treatment facility or distribution system limitations, and the provider's CAP water treatment facilities and potable water distribution system have a reasonable level of capacity.*
- c. *Granting the exclusion will result in the non-residential customer receiving effluent sooner than it would if the exclusion is not granted, and the effluent that the non-residential customer will receive as a result of the exclusion would not otherwise be put to a direct beneficial use by the provider.*
- d. *Neither the Non-Per Capita Conservation Program described in section 5-104 of this chapter nor the Alternative Conservation Program described in section 5-105 of this chapter are currently an appropriate conservation program for the provider.*
- e. *If the non-residential customer is a turf-related facility, a large-scale cooling facility, or a publicly owned right-of-way, the customer will be required to comply with conservation requirements during the duration of the exclusion identical to the conservation requirements that would apply to the customer under section 5-112 of this chapter if the customer was using groundwater.*

WATER USE DATA SHEET BY MONTH FOR CALENDAR YEAR 2003

MONTH	NUMBER OF CUSTOMERS	GALLONS SOLD (THOUSANDS)	GALLONS PUMPED (THOUSANDS)
JANUARY	3400	19314.2	25092.6
FEBRUARY	3389	19326.6	22641.2
MARCH	3404	18400.2	28110.5
APRIL	3420	22179.9	33366.6
MAY	3426	28637.2	38818.7
JUNE	3432	35363.1	45409.3
JULY	3431	40634.5	44703.9
AUGUST	3444	30159.1	37485.5
SEPTEMBER	3439	27684.6	32421.9
OCTOBER	3419	24929.7	31698.1
NOVEMBER	3419	24883.8	26920.2
DECEMBER	3429	19472.1	25198.2
TOTAL		N/A	391866.7

Is the Water Utility Located in an ADWR Active Management Area (AMA)?

 YES X NO

Does the company have an ADWR Gallons Per Capita Per Day (GPCPD) requirement?

 YES X NO

If yes, provide the GPCPD amount:

What is the level of arsenic for each well on your system?

[illegible]

WATER USE DATA SHEET BY MONTH FOR CALENDAR YEAR 2003

MONTH	NUMBER OF CUSTOMERS	GALLONS SOLD (THOUSANDS)	GALLONS PUMPED (THOUSANDS)
JANUARY	2352	23725.7	26466.5
FEBRUARY	2363	24147.6	22245.2
MARCH	2362	21673	27772.2
APRIL	2370	29304.8	35363.8
MAY	2379	37032.8	42843.3
JUNE	2407	41877	49250.1
JULY	2415	50658.6	42930.9
AUGUST	2421	34770.9	35342.7
SEPTEMBER	2457	32940.5	32456.8
OCTOBER	2462	34681.8	35526.5
NOVEMBER	2515	32587.2	31409.8
DECEMBER	2541	28080	27433.4
TOTAL		N/A	409041.2

Is the Water Utility Located in an ADWR Active Management Area (AMA)?

YES

X NO

Does the company have an ADWR Gallons Per Capita Per Day (GPCPD) requirement?

YES

X NO

If yes, provide the GPCPD amount:

What is the level of arsenic for each well on your system?

WELL	ARSENIC LEVEL (MG/L)
#3	<.002
#4	<.002
#5	<.002
#6	<.002
SE2	<.002
VM1	<.002
VM2	<.002

WATER USE DATA SHEET BY MONTH FOR CALENDAR YEAR 2003

MONTH	NUMBER OF CUSTOMERS	GALLONS SOLD (THOUSANDS)	GALLONS PUMPED (THOUSANDS)
JANUARY	13868	206237.6	228024.8
FEBRUARY	13961	211933.2	195787.6
MARCH	14052	180389.6	241729
APRIL	14179	252533.4	293526.4
MAY	14282	298855.4	354524
JUNE	14413	346705.9	424963
JULY	14565	416319.7	424948
AUGUST	14629	351081.8	365131
SEPTEMBER	14702	325055.3	375243
OCTOBER	14846	319197.2	346509.6
NOVEMBER	14985	307594.4	232932
DECEMBER	14981	219794.5	267063
TOTAL		N/A	3750381.4

Is the Water Utility Located in an ADWR Active Management Area (AMA)?

 X YES NO

Does the company have an ADWR Gallons Per Capita Per Day (GPCPD) requirement?

 X YES NO

If yes, provide the GPCPD amount:

Please see the attached calculation of GPCPD from the 3rd
Management Plan for Pinal Active Management Area 2000-2010.

What is the level of arsenic for each well on your system?

WELL	ARSENIC LEVEL (MG/L)
#10	0.007
#14	0.012
#17	0.021
#19	0.016
#20	0.019
#21	0.015
#22	0.01
#23	0.022
#24	0.017
#25	0.008
#26	0.045
#27	0.009
#28	0.021

WELL	ARSENIC LEVEL (MG/L)
#29	0.011
TG #1	0.005
TG #3	0.007

46. *"Residential interior water use" means, with respect to a large municipal provider regulated under the Non-Per Capita Conservation Program described in section 5-104, water supplied by the provider and used for interior water use purposes by residential customers within the provider's service area.*
47. *"Residential use" means a non-irrigation use of water related to the activities of a single family or multifamily housing unit or units, including exterior water use.*
48. *"Service area" has the definition prescribed by A.R.S. § 45-402.*
49. *"Service area population" means the number of people residing in housing units connected to distribution lines maintained by the municipal provider within its service area which are being served as of July 1 of the applicable year, as determined pursuant to section 5-103, subsection D.*
50. *"Service connection" means a coupling of a municipal provider's distribution system and its customer's water system.*
51. *"Single family housing unit" means a detached dwelling, including mobile homes not in mobile home parks.*
52. *"Small municipal provider" means a municipal provider that supplies 250 or less of water for non-irrigation use during a calendar year, not including untreated water served by a municipal provider that qualifies as a large untreated water provider.*
53. *"Turf-related facility" means any facility, including cemeteries, golf courses, parks, schools or common areas of housing developments, with a water-intensive landscaped area of 10 or more acres. Turf-related facilities include, but are not limited to, those facilities listed in Appendix 6A.*
54. *"Untreated water" means water that is not treated to improve its quality and that is supplied by a municipal provider through a distribution system other than a potable water distribution system.*
55. *"Untreated water municipal distribution system" means a municipal distribution system operated by a large untreated water provider municipal provider for the purpose of delivering untreated water for non-irrigation use.*
56. *"Water-intensive landscaped area" means, for a calendar year, an area of land which is watered with a permanent water application system and planted primarily with plants not listed in Appendix 5I (Drought Tolerant/Low Water Use Plant List), or any modifications to the list, and the total surface area of all bodies of water filled or refilled with water from any source, including effluent, that are an integral part of the landscaped area. Bodies of water used primarily for swimming purposes are not an integral part of a landscaped area.*

5-102. Large Municipal Providers - Conservation Programs

- A. *Beginning with the calendar year determined under section 5-103 subsection A, paragraph 2, and continuing until the first compliance date for any substitute requirement in the Fourth Management Plan, a large municipal provider shall be regulated under the Total Gallons Per Capita Per Day (GPCD) Program described in section 5-103, unless the provider has applied*

for and been accepted for regulation under the Non-Per Capita Conservation Program described in section 5-104 or the Alternative Conservation Program described in section 5-105, or is designated as an institutional provider under section 5-108.

If a large municipal provider is accepted into the Non-Per Capita Conservation Program, the Alternative Conservation Program, or is designated as an institutional provider, the provider shall continue to comply with its total GPCD requirement until the first compliance date assigned by the director for the provider under the Alternative Conservation Program, the Non-Per Capita Conservation Program, or as an Institutional provider.

A large municipal provider that was regulated under the Non-Per Capita Conservation Program, the Alternative Conservation Program or the Institutional Provider Program under the Second Management Plan and that applies to be regulated under the same program in the Third Management Plan 180 days following adoption of the plan shall continue to be regulated under the Non-Per Capita Conservation Program, the Alternative Conservation Program or the Institutional Provider Program under the Second Management Plan, whichever applies, until January 1, 2002 or until the director approves or denies the provider's application under the Third Management Plan, whichever is later.

- B. A large municipal provider may apply for the Non-Per Capita Conservation Program as described in section 5-104. If the director approves the application, the provider shall comply with the requirements of the Non-Per Capita Conservation Program beginning on a date determined by the director but not later than January 1 of the year following the year in which the application is approved.*
- C. A large municipal provider may apply for the Alternative Conservation Program as described in section 5-105. If the director approves the application, the provider shall comply with the requirements of the Alternative Conservation Program beginning on a date determined by the director but not later than January 1 of the year following the year in which the application is approved.*
- D. A large municipal provider may apply for designation as an institutional provider pursuant to section 5-108. If the director approves the application, the provider shall comply with the institutional provider requirements assigned by the director beginning on a date determined by the director but not later than January 1 of the year following the year in which the application is approved.*
- E. A large untreated water provider shall comply with the requirements of section 5-107.*
- F. All municipal providers shall comply with individual user requirements, distribution system requirements, and applicable monitoring and reporting requirements as prescribed in sections 5-112, 5-113 and 5-114.*

5-103. Large Municipal Provider Total Gallons Per Capita Per Day Program

A. Total GPCD Requirement

- 1. Beginning with the calendar year determined under paragraph 2 of this subsection, and for each calendar year thereafter until the first compliance date for any substitute municipal conservation requirement in the Fourth Management Plan, a large municipal provider regulated under the Total GPCD Program shall not withdraw, divert or receive water from any source, except direct use effluent or effluent recovered within the area of*

impact and excluded CAP water, for non-irrigation use during a year in a total amount that exceeds its total GPCD requirement for the year as calculated in subsection B of this section, except as provided in the flexibility account provisions in section 5-106.

2. *A large municipal provider regulated under the Total GPCD Program shall begin complying with its total GPCD requirements, as calculated under subsection B of this section, beginning with the calendar year 2000, except that if the providers total GPCD requirement for the year 2000, as calculated under subsection B of this section, is lower than the provider's final total GPCD requirement under the Second Management Plan, the provider shall begin complying with its total GPCD requirements, as calculated under subsection B of this section, beginning with calendar year 2002.*

B. Calculation of the Annual Total GPCD Requirement

A large municipal provider's Total GPCD requirement for a year shall be calculated as follows:

1. *For calendar years 2000 through 2004, multiply the provider's existing residential population for the year, as calculated pursuant to subsection D of this section, by the first intermediate GPCD component for existing residential population as assigned to the provider in Table 5-103.A.*

For calendar years 2005 through 2009, multiply the provider's existing residential population for the year, as calculated pursuant to subsection D of this section, by the second intermediate GPCD component for existing residential population as assigned to the provider in Table 5-103.A.

For the calendar year 2010, and for each calendar year thereafter until the first compliance date for any substitute total GPCD requirement in the Fourth Management Plan, multiply the provider's existing residential population for the year, as calculated pursuant to subsection D of this section, by the final GPCD component for existing residential population as assigned to the provider in Table 5-103.A.

2. *Multiply the provider's new single family population for the year, as calculated pursuant to subsection D of this section, by 57 GPCD.*
3. *Multiply the number of new single family housing units within the provider's service area as of July 1 of the calendar year in question by 149 GPHUD.*
4. *Multiply the provider's new multifamily population for the year, as calculated pursuant to subsection D of this section, by 57 GPCD.*
5. *Multiply the number of new multifamily housing units within the provider's service area as of July 1 of the calendar year in question by 77 GPHUD.*
6. *Multiply the provider's total service area population for the year, as calculated pursuant to subsection D of this section, by the GPCD component for non-residential use as assigned to the provider in Table 5-103.A.*
7. *Divide the provider's allowable lost and unaccounted for water by the number of days in the calendar year. The provider's allowable lost and unaccounted for water is the lesser of the following:*

- a. *the provider's actual lost and unaccounted for water for the year, in gallons.*
- b. *an amount calculated by multiplying the total gallons of water from any source, except direct use effluent, withdrawn, diverted or received by the provider during the year by 10 percent.*
8. *Add the results from paragraphs 1 through 7 of this subsection, and then divide the sum by the provider's annual service area population as of July 1 of that year. The quotient is the provider's total GPCD requirement for the calendar year.*

C. Compliance with Total GPCD Requirement

The director shall determine if a large municipal provider is in compliance with its total GPCD requirement for a calendar year pursuant to the flexibility account provisions in section 5-106, using the provider's service area population as calculated in subsection D of this section.

D. Calculation of Large Municipal Provider's Service Area Population

The director shall calculate a large municipal provider's service area population for a calendar year as follows, unless the director has approved an alternative methodology for calculating the provider's service area population prior to the calendar year in question:

1. *Determine the number of existing single family housing units and existing multifamily housing units served by the provider's distribution system as of July 1, 2000, less any existing single family housing units and any existing multifamily housing units removed from the provider's distribution system between July 1, 2000 and June 30 of the calendar year in question.*
2. *Adjust these totals by the respective average annual vacancy rate for single family housing units and multifamily housing units as calculated from the most recent census or other approved source of information.*
3. *Multiply the adjusted number of existing single family housing units calculated in paragraph 2 of this subsection by the average number of persons per occupied single family housing unit as calculated in accordance with the most recent census or other approved source of information.*
4. *Multiply the adjusted number of existing multifamily housing units calculated in paragraph 2 of this subsection by the average number of persons per occupied multifamily housing unit as calculated in accordance with the most recent census or other approved source of information.*
5. *Add the products from paragraphs 3 and 4 of this subsection. The sum is the provider's existing residential population.*
6. *Determine the number of new single family housing units and new multifamily housing units added to the provider's distribution system between July 1 of the previous calendar year and July 1 of the calendar year in question, less any new single family and new multifamily housing units removed from the system during that period.*

7. *Adjust these totals by the respective average annual vacancy rate for single family housing units and multifamily housing units as calculated from the most recent census or other approved source of information.*
8. *Multiply the adjusted number of new single family housing units calculated in paragraph 7 of this subsection by the average number of persons per occupied single family housing unit as calculated in accordance with the most recent census or other approved source of information.*
9. *Multiply the adjusted number of new multifamily housing units calculated in paragraph 7 of this subsection by the average number of persons per occupied multifamily housing unit as calculated in accordance with the most recent census or other approved source of information.*
10. *Add the product from paragraph 8 to the provider's new single family population as of July 1 of the previous year and add the product from paragraph 9 to the provider's new multifamily population as of July 1 of the previous year. The sums are the provider's new single family population and new multifamily population.*
11. *Add the results from paragraphs 5 and 10. The sum is the provider's service area population for the calendar year.*

TABLE 5-103.A
EXISTING RESIDENTIAL AND NON-RESIDENTIAL GPCD COMPONENTS
PINAL ACTIVE MANAGEMENT AREA

	<i>First Intermediate GPCD Component for Existing Residential Population (2002-2004)</i>	<i>Second Intermediate GPCD Component for Existing Residential Population (2005-2009)</i>	<i>Final GPCD Component for Existing Residential Population (2010-Fourth Management Plan)</i>	<i>GPCD Component for Non- Residential Use</i>
<i>AWC - Casa Grande</i>	<i>127</i>	<i>125</i>	<i>123</i>	<i>99</i>
<i>AWC - Coolidge</i>	<i>105</i>	<i>103</i>	<i>101</i>	<i>29</i>
<i>Town of Florence</i>	<i>121</i>	<i>119</i>	<i>117</i>	<i>80</i>
<i>City of Eloy</i>	<i>107</i>	<i>105</i>	<i>103</i>	<i>65</i>

E. Exclusion of Deliveries of Central Arizona Project Water from Total GPCD Requirement

1. Exclusion

A large municipal provider may apply to the director to have CAP water delivered by the provider to a non-residential customer excluded from the provider's total water use when determining the provider's compliance with its total GPCD requirement as established pursuant to subsection B of this section. The director shall grant a one time exclusion for a period not to exceed ten years if the director finds that all of the following apply:

- a. The provider will ultimately serve direct use effluent to the non-residential customer from a wastewater treatment plant that is either in existence or planned for construction; the provider will begin replacing the deliveries of CAP water with*

WATER USE DATA SHEET BY MONTH FOR CALENDAR YEAR 2003

MONTH	NUMBER OF CUSTOMERS	GALLONS SOLD (THOUSANDS)	GALLONS PUMPED (THOUSANDS)
JANUARY	216	1800.7	1989.6
FEBRUARY	215	1905.4	1677.5
MARCH	216	1613.1	2203.6
APRIL	215	2214.9	2618.1
MAY	215	2803.1	3254.3
JUNE	214	3435.3	4275.5
JULY	213	4262.6	4209.4
AUGUST	215	3477.2	3221.5
SEPTEMBER	214	2750.7	3151.4
OCTOBER	214	2574.1	2854
NOVEMBER	214	2649.5	1725.4
DECEMBER	218	1660.6	2256.8
TOTAL		N/A	33437.1

Is the Water Utility Located in an ADWR Active Management Area (AMA)?

 NO

Does the company have an ADWR Gallons Per Capita Per Day (GPCPD) requirement?

 X **NO***

*Does not serve more than 250 acre-feet of water per calendar year

If yes, provide the GPCPD amount:

What is the level of arsenic for each well on your system?

[illegible]

WATER USE DATA SHEET BY MONTH FOR CALENDAR YEAR 2003

MONTH	NUMBER OF CUSTOMERS	GALLONS SOLD (THOUSANDS)	GALLONS PUMPED (THOUSANDS)
JANUARY	1212	10839.5	13214.4
FEBRUARY	1234	12881.7	10291.5
MARCH	1248	10218.8	12457.3
APRIL	1253	11786.3	16883.5
MAY	1268	17164.2	22763.4
JUNE	1281	24520.8	29063.7
JULY	1284	26959	29957.4
AUGUST	1291	26677.1	23308.3
SEPTEMBER	1298	21672.8	20220.3
OCTOBER	1319	19388.4	19771.5
NOVEMBER	1328	17402.2	15335.7
DECEMBER	1337	14982.6	12600.2
TOTAL		N/A	225867.2

Is the Water Utility Located in an ADWR Active Management Area (AMA)?

 X YES NO

Does the company have an ADWR Gallons Per Capita Per Day (GPCPD) requirement?

 X YES NO

If yes, provide the GPCPD amount:

Please see the attached calculation of GPCPD from the 3rd
Management Plan for Phoenix Active Management Area 2000-2010.

What is the level of arsenic for each well on your system?

WELL	ARSENIC LEVEL (MG/L)
#2	0.011
#4	0.012
#7	0.007
#8	0.032

listed in Appendix 5-L, (Low Water Use/Drought Tolerant Plant List or modifications to the list) and the total surface area of all bodies of water filled or refilled with water from any source, including effluent, that are an integral part of the landscaped area. Bodies of water used primarily for swimming purposes are not an integral part of a landscaped area.

5-102. Large Municipal Providers - Conservation Programs

- A. Beginning with the calendar year determined under section 5-103, subsection A, paragraph 2, and continuing until the first compliance date for any substitute requirement in the Fourth Management Plan, a large municipal provider shall be regulated under the Total Gallons Per Capita Per Day (GPCD) Program described in section 5-103, unless the provider has applied for and been accepted for regulation under the Non-Per Capita Conservation Program described in section 5-104 or the Alternative Conservation Program described in section 5-105, or is designated as an institutional provider under section 5-108.*

If a large municipal provider is accepted into the Non-Per Capita Conservation Program, the Alternative Conservation Program, or is designated as an institutional provider, the provider shall continue to comply with its total GPCD requirement until the first compliance date assigned by the director for the provider under the Alternative Conservation Program, the Non-Per Capita Conservation Program, or the Institutional Provider Program.

A large municipal provider that was regulated under the Non-Per Capita Conservation Program, the Alternative Conservation Program or the Institutional Provider Program under the Second Management Plan and that applies to be regulated under the same program in the Third Management Plan 180 days following adoption of the plan shall continue to be regulated under the Non-Per Capita Conservation Program, the Alternative Conservation Program or the Institutional Provider Program under the Second Management Plan, whichever applies, until January 1, 2002 or until the director approves or denies the provider's application under the Third Management Plan, whichever is later.

- B. A large municipal provider may apply for the Non-Per Capita Conservation Program as described in section 5-104. If the director approves the application, the provider shall comply with the requirements of the Non-Per Capita Conservation Program beginning on a date determined by the director but not later than January 1 of the year following the year in which the application is approved.*
- C. A large municipal provider may apply for the Alternative Conservation Program as described in section 5-105. If the director approves the application, the provider shall comply with the requirements of the Alternative Conservation Program beginning on a date determined by the director but not later than January 1 of the year following the year in which the application is approved.*
- D. A large municipal provider may apply for designation as an institutional provider pursuant to section 5-108. If the director approves the application, the provider shall comply with the institutional provider requirements assigned by the director beginning on a date determined by the director but not later than January 1 of the year following the year in which the application is approved.*
- E. A large untreated water provider shall comply with the requirements of section 5-107.*

- F. *All municipal providers shall comply with individual user requirements, distribution system requirements, and applicable monitoring and reporting requirements as prescribed in sections 5-112, 5-113, and 5-114.*

5-103. Large Municipal Provider Total Gallons Per Capita Per Day Program

A. Total GPCD Requirement

1. *Beginning with the calendar year determined under paragraph 2 of this subsection, and for each calendar year thereafter until the first compliance date for any substitute municipal conservation requirement in the Fourth Management Plan, a large municipal provider regulated under the total GPCD program shall not withdraw, divert or receive water from any source, except spillwater, direct use effluent, effluent recovered within the area of impact, and excluded CAP water, for non-irrigation use during a year in a total amount that exceeds its total GPCD requirement for the year as calculated in subsection B of this section, except as provided in the flexibility account provisions in section 5-106.*
2. *A large municipal provider regulated under the Total GPCD Program shall begin complying with its total GPCD requirements as calculated under subsection B of this section beginning with calendar year 2000, except that if the provider's total GPCD requirement for the year 2000 as calculated under subsection B of this section is lower than the provider's final total GPCD requirement under the Second Management Plan, the provider shall begin complying with its total GPCD requirements as calculated under subsection B of this section beginning with calendar year 2002.*

B. Calculation of the Annual Total GPCD Requirement

A large municipal provider's total GPCD requirement for a year shall be calculated as follows:

1. *For calendar years 2000 through 2004, multiply the provider's existing residential population for the year, as calculated pursuant to subsection D of this section, by the first intermediate GPCD component for existing residential population as assigned to the provider in Table 5-103.A.*

For calendar years 2005 through 2009, multiply the provider's existing residential population for the year, as calculated pursuant to subsection D of this section, by the second intermediate GPCD component for existing residential population as assigned to the provider in Table 5-103.A.

For the calendar year 2010, and for each calendar year thereafter until the first compliance date for any substitute total GPCD requirement in the Fourth Management Plan, multiply the provider's existing residential population for the year, as calculated pursuant to subsection D of this section, by the final GPCD component for existing residential population as assigned to the provider in Table 5-103.A.

2. *Multiply the provider's new single family population for the year, as calculated pursuant to subsection D of this section, by 57 GPCD.*
3. *Multiply the number of new single family housing units within the provider's service area as of July 1 of the calendar year in question by 178 GPHUD.*

4. *Multiply the provider's new multifamily population for the year, as calculated pursuant to subsection D of this section, by 57 GPCD.*
5. *Multiply the number of new multifamily housing units within the provider's service area as of July 1 of the calendar year in question by 77 GPHUD.*
6. *Multiply the provider's total service area population for the year, as calculated pursuant to subsection D of this section, by the GPCD component for non-residential use as assigned to the provider in Table 5-103.A.*
7. *Divide the provider's allowable lost and unaccounted for water by the number of days in the calendar year. The provider's allowable lost and unaccounted for water is the lesser of the following:*
 - a. *the provider's actual lost and unaccounted for water for the year, in gallons.*
 - b. *an amount calculated by multiplying the total gallons of water from any source, except direct use effluent, withdrawn, diverted or received by the provider during the year by 10 percent.*
8. *Add the results from paragraphs 1 through 7 of this subsection, and then divide the sum by the provider's annual service area population as of July 1 of that year. The quotient is the provider's total GPCD requirement for the calendar year.*

C. Compliance with Total GPCD Requirement

The director shall determine if a large municipal provider is in compliance with its total GPCD requirement for a calendar year pursuant to the flexibility account provisions in section 5-106, using the provider's service area population as calculated in subsection D of this section.

D. Calculation of Large Municipal Provider's Service Area Population

The director shall calculate a large municipal provider's service area population for a calendar year as follows, unless the director has approved an alternative methodology for calculating the provider's service area population prior to the calendar year in question:

1. *Determine the number of existing single family housing units and existing multifamily housing units served by the provider's distribution system as of July 1, 2000, less any existing single family housing units and any existing multifamily housing units removed from the provider's distribution system between July 1, 2000 and June 30 of the calendar year in question.*
2. *Adjust these totals by the respective average annual vacancy rate for single family housing units and multifamily housing units as calculated from the most recent census or other approved source of information.*
3. *Multiply the adjusted number of existing single family housing units calculated in paragraph 2 of this paragraph by the average number of persons per occupied single family housing unit as calculated in accordance with the most recent census or other approved source of information.*

TABLE 5-103.A
GPCD COMPONENT REQUIREMENTS
FOR EXISTING RESIDENTIAL AND NON-RESIDENTIAL
PHOENIX ACTIVE MANAGEMENT AREA

<i>Provider</i>	<i>Existing Residential</i>			<i>Non-Residential</i>
	<i>TMP 1</i>	<i>TMP 2</i>	<i>TMP Final</i>	
<i>Adaman Mutual Water Company</i>	108	107	105	30
<i>AJ Water Facilities District</i>	100	100	100	62
<i>City of Avondale</i>	118	109	100	36
<i>AWC - Apache Junction</i>	100	100	100	34
<i>AWC - Superior</i>	100	100	100	18
<i>AWC - White Tanks</i>	136	123	111	18
<i>Berneil Water Company</i>	421	407	392	18
<i>Town of Buckeye</i>	100	100	100	47
<i>Carefree Water Company</i>	205	198	191	341
<i>Cave Creek Water Company</i>	111	109	107	45
<i>City of Chandler</i>	127	123	119	66
<i>Chaparral City Water Company</i>	140	136	133	119
<i>Citizens Utilities - Agua Fria</i>	105	103	100	19
<i>Citizens Utilities - Sun City</i>	192	184	176	50
<i>Citizens Utilities - Sun City West</i>	160	157	155	26
<i>Desert Hills Water Company</i>	102	101	100	18
<i>City of El Mirage</i>	113	107	100	39
<i>Town of Gilbert</i>	138	135	131	53
<i>City of Glendale</i>	124	121	118	52
<i>City of Goodyear</i>	136	118	100	117
<i>H2O Water Company</i>	100	100	100	18
<i>Litchfield Park Service Company</i>	178	172	165	124
<i>Luke Air Force Base</i>	100	100	100	184
<i>City of Mesa</i>	130	116	103	51
<i>Paradise Valley Water Company</i>	436	421	406	240
<i>City of Peoria</i>	130	116	102	45

TABLE 5-103.A
GPCD COMPONENT REQUIREMENTS
FOR EXISTING RESIDENTIAL AND NON-RESIDENTIAL
PHOENIX ACTIVE MANAGEMENT AREA

<i>Provider</i>	<i>Existing Residential</i>			<i>Non-Residential</i>
	<i>TMP 1</i>	<i>TMP 2</i>	<i>TMP Final</i>	
<i>City of Phoenix</i>	135	129	123	66
<i>Pima Utilities</i>	133	127	122	287
<i>Queen Creek Water Company</i>	194	175	156	30
<i>Rio Verde Utilities</i>	141	139	137	855
<i>Rose Valley Water Company</i>	172	166	160	18
<i>City of Scottsdale</i>	171	166	162	71
<i>Sunrise Water Company</i>	133	129	124	18
<i>City of Tempe</i>	128	124	121	113
<i>City of Tolleson</i>	123	120	117	35
<i>Valley Utilities</i>	116	108	100	18
<i>Williams Air Park</i>	101	101	100	308

4. Multiply the adjusted number of existing multifamily housing units calculated in paragraph 2 of this subsection by the average number of persons per occupied multifamily housing unit as calculated in accordance with the most recent census or other approved source of information.
5. Add the products from paragraphs 3 and 4 of this subsection. The sum is the provider's existing residential population.
6. Determine the number of new single family housing units and new multifamily housing units added to the provider's distribution system between July 1 of the previous calendar year and July 1 of the calendar year in question, less any new single family and new multifamily housing units removed from the system during that period.
7. Adjust these totals by the respective average annual vacancy rate for single family housing units and multifamily housing units as calculated from the most recent census or other approved source of information.
8. Multiply the adjusted number of new single family housing units calculated in paragraph 7 of this subsection by the average number of persons per occupied single family housing unit as calculated in accordance with the most recent census or other approved source of information.
9. Multiply the adjusted number of new multifamily housing units calculated in paragraph 7 of this subsection by the average number of persons per occupied multifamily housing

unit as calculated in accordance with the most recent census or other approved source of information.

10. Add the product from paragraph 8 of this subsection to the provider's new single family population as of July 1 of the previous year and add the product from paragraph 9 of this subsection to the provider's new multifamily population as of July 1 of the previous year. The sums are the provider's new single family population and new multifamily population.
11. Add the results from paragraphs 5 and 10 of this subsection. The sum is the provider's service area population for the calendar year.

E. Exclusion of Deliveries of Central Arizona Project Water from Total GPCD Requirement

1. Exclusion

A large municipal provider may apply to the director to have CAP water delivered by the provider to a non-residential customer excluded from the provider's total water use when determining the provider's compliance with its total GPCD requirement as established pursuant to subsection B of this section. The director shall grant a one time exclusion for a period not to exceed ten years if the director finds that all of the following apply:

- a. *The provider will ultimately serve direct use effluent to the non-residential customer from a wastewater treatment plant that is either in existence or planned for construction; the provider will begin replacing the deliveries of CAP water with direct use effluent as soon as direct use effluent becomes available for delivery to the non-residential customer from the treatment facility; and the provider will completely replace the deliveries of CAP water with direct use effluent within a reasonable period of time, not to exceed ten years.*
- b. *The CAP water that the provider will deliver to the non-residential customer cannot be delivered through the provider's potable water distribution system to any of its customers located outside the boundaries of a water users association, as defined in A.R.S. § 10-140, because of treatment facility or distribution system limitations, and the provider's CAP water treatment facilities and potable water distribution system have a reasonable level of capacity.*
- c. *Granting the exclusion will result in the non-residential customer receiving effluent sooner than it would if the exclusion is not granted, and the effluent that the non-residential customer will receive as a result of the exclusion would not otherwise be put to a direct beneficial use by the provider.*
- d. *Neither the Non-Per Capita Conservation Program described in section 5-104 of this chapter nor the Alternative Conservation Program described in section 5-105 of this chapter are currently an appropriate conservation program for the provider.*
- e. *If the non-residential customer is a turf-related facility, a large-scale cooling facility, or a publicly owned right-of-way, the customer will be required to comply with conservation requirements during the duration of the exclusion identical to the conservation requirements that would apply to the customer under section 5-112 of this chapter if the customer was using groundwater.*

WATER USE DATA SHEET BY MONTH FOR CALENDAR YEAR 2003

MONTH	NUMBER OF CUSTOMERS	GALLONS SOLD (THOUSANDS)	GALLONS PUMPED (THOUSANDS)
JANUARY	694	3587.8	4062
FEBRUARY	695	4230.1	3554
MARCH	699	3278	4178
APRIL	701	4103.8	4533
MAY	701	4591.7	5271
JUNE	692	5782.7	5878
JULY	697	5966.4	6577
AUGUST	695	5362.8	4993
SEPTEMBER	688	4198.2	5100
OCTOBER	688	4189.1	4688
NOVEMBER	685	4245.1	3975
DECEMBER	681	3409.9	3932
TOTAL		N/A	56741.0

Is the Water Utility Located in an ADWR Active Management Area (AMA)?

X NO

Does the company have an ADWR Gallons Per Capita Per Day (GPCPD) requirement?

X NO

[illegible]

What is the level of arsenic for each well on your system?

[illegible]

WATER USE DATA SHEET BY MONTH FOR CALENDAR YEAR 2003

MONTH	NUMBER OF CUSTOMERS	GALLONS SOLD (THOUSANDS)	GALLONS PUMPED (THOUSANDS)
JANUARY	3019	29031.9	48081.4
FEBRUARY	3019	29614.9	27670.7
MARCH	3026	23179.3	33498.8
APRIL	3039	31448.9	43866.4
MAY	3039	40210.9	52677.2
JUNE	3048	52564.7	61626.9
JULY	3064	54974.4	65030.4
AUGUST	3065	55041.6	52394.9
SEPTEMBER	3062	47604	51557.1
OCTOBER	3060	40543.3	46792.2
NOVEMBER	3057	40450.5	32192.7
DECEMBER	3049	26844.6	35482.9
TOTAL		N/A	550871.6

Is the Water Utility Located in an ADWR Active Management Area (AMA)?

 X YES NO

Does the company have an ADWR Gallons Per Capita Per Day (GPCPD) requirement?

 X YES NO

If yes, provide the GPCPD amount:

Please see the attached calculation of GPCPD from the 3rd
 Management Plan for Pinal Active Management Area 2000-2010.

What is the level of arsenic for each well on your system?

WELL	ARSENIC LEVEL (MG/L)
#1	0.003
#2	0.014
#7	0.007
#9	0.005
#10	0.004

46. *"Residential interior water use" means, with respect to a large municipal provider regulated under the Non-Per Capita Conservation Program described in section 5-104, water supplied by the provider and used for interior water use purposes by residential customers within the provider's service area.*
47. *"Residential use" means a non-irrigation use of water related to the activities of a single family or multifamily housing unit or units, including exterior water use.*
48. *"Service area" has the definition prescribed by A.R.S. § 45-402.*
49. *"Service area population" means the number of people residing in housing units connected to distribution lines maintained by the municipal provider within its service area which are being served as of July 1 of the applicable year, as determined pursuant to section 5-103, subsection D.*
50. *"Service connection" means a coupling of a municipal provider's distribution system and its customer's water system.*
51. *"Single family housing unit" means a detached dwelling, including mobile homes not in mobile home parks.*
52. *"Small municipal provider" means a municipal provider that supplies 250 or less of water for non-irrigation use during a calendar year, not including untreated water served by a municipal provider that qualifies as a large untreated water provider.*
53. *"Turf-related facility" means any facility, including cemeteries, golf courses, parks, schools or common areas of housing developments, with a water-intensive landscaped area of 10 or more acres. Turf-related facilities include, but are not limited to, those facilities listed in Appendix 6A.*
54. *"Untreated water" means water that is not treated to improve its quality and that is supplied by a municipal provider through a distribution system other than a potable water distribution system.*
55. *"Untreated water municipal distribution system" means a municipal distribution system operated by a large untreated water provider municipal provider for the purpose of delivering untreated water for non-irrigation use.*
56. *"Water-intensive landscaped area" means, for a calendar year, an area of land which is watered with a permanent water application system and planted primarily with plants not listed in Appendix 5I (Drought Tolerant/Low Water Use Plant List), or any modifications to the list, and the total surface area of all bodies of water filled or refilled with water from any source, including effluent, that are an integral part of the landscaped area. Bodies of water used primarily for swimming purposes are not an integral part of a landscaped area.*

5-102. Large Municipal Providers - Conservation Programs

- A. *Beginning with the calendar year determined under section 5-103 subsection A, paragraph 2, and continuing until the first compliance date for any substitute requirement in the Fourth Management Plan, a large municipal provider shall be regulated under the Total Gallons Per Capita Per Day (GPCD) Program described in section 5-103, unless the provider has applied*

for and been accepted for regulation under the Non-Per Capita Conservation Program described in section 5-104 or the Alternative Conservation Program described in section 5-105, or is designated as an institutional provider under section 5-108.

If a large municipal provider is accepted into the Non-Per Capita Conservation Program, the Alternative Conservation Program, or is designated as an institutional provider, the provider shall continue to comply with its total GPCD requirement until the first compliance date assigned by the director for the provider under the Alternative Conservation Program, the Non-Per Capita Conservation Program, or as an Institutional provider.

A large municipal provider that was regulated under the Non-Per Capita Conservation Program, the Alternative Conservation Program or the Institutional Provider Program under the Second Management Plan and that applies to be regulated under the same program in the Third Management Plan 180 days following adoption of the plan shall continue to be regulated under the Non-Per Capita Conservation Program, the Alternative Conservation Program or the Institutional Provider Program under the Second Management Plan, whichever applies, until January 1, 2002 or until the director approves or denies the provider's application under the Third Management Plan, whichever is later.

- B. A large municipal provider may apply for the Non-Per Capita Conservation Program as described in section 5-104. If the director approves the application, the provider shall comply with the requirements of the Non-Per Capita Conservation Program beginning on a date determined by the director but not later than January 1 of the year following the year in which the application is approved.*
- C. A large municipal provider may apply for the Alternative Conservation Program as described in section 5-105. If the director approves the application, the provider shall comply with the requirements of the Alternative Conservation Program beginning on a date determined by the director but not later than January 1 of the year following the year in which the application is approved.*
- D. A large municipal provider may apply for designation as an institutional provider pursuant to section 5-108. If the director approves the application, the provider shall comply with the institutional provider requirements assigned by the director beginning on a date determined by the director but not later than January 1 of the year following the year in which the application is approved.*
- E. A large untreated water provider shall comply with the requirements of section 5-107.*
- F. All municipal providers shall comply with individual user requirements, distribution system requirements, and applicable monitoring and reporting requirements as prescribed in sections 5-112, 5-113 and 5-114.*

5-103. Large Municipal Provider Total Gallons Per Capita Per Day Program

A. Total GPCD Requirement

- 1. Beginning with the calendar year determined under paragraph 2 of this subsection, and for each calendar year thereafter until the first compliance date for any substitute municipal conservation requirement in the Fourth Management Plan, a large municipal provider regulated under the Total GPCD Program shall not withdraw, divert or receive water from any source, except direct use effluent or effluent recovered within the area of*

impact and excluded CAP water, for non-irrigation use during a year in a total amount that exceeds its total GPCD requirement for the year as calculated in subsection B of this section, except as provided in the flexibility account provisions in section 5-106.

2. *A large municipal provider regulated under the Total GPCD Program shall begin complying with its total GPCD requirements, as calculated under subsection B of this section, beginning with the calendar year 2000, except that if the providers total GPCD requirement for the year 2000, as calculated under subsection B of this section, is lower than the provider's final total GPCD requirement under the Second Management Plan, the provider shall begin complying with its total GPCD requirements, as calculated under subsection B of this section, beginning with calendar year 2002.*

B. Calculation of the Annual Total GPCD Requirement

A large municipal provider's Total GPCD requirement for a year shall be calculated as follows:

1. *For calendar years 2000 through 2004, multiply the provider's existing residential population for the year, as calculated pursuant to subsection D of this section, by the first intermediate GPCD component for existing residential population as assigned to the provider in Table 5-103.A.*

For calendar years 2005 through 2009, multiply the provider's existing residential population for the year, as calculated pursuant to subsection D of this section, by the second intermediate GPCD component for existing residential population as assigned to the provider in Table 5-103.A.

For the calendar year 2010, and for each calendar year thereafter until the first compliance date for any substitute total GPCD requirement in the Fourth Management Plan, multiply the provider's existing residential population for the year, as calculated pursuant to subsection D of this section, by the final GPCD component for existing residential population as assigned to the provider in Table 5-103.A.

2. *Multiply the provider's new single family population for the year, as calculated pursuant to subsection D of this section, by 57 GPCD.*
3. *Multiply the number of new single family housing units within the provider's service area as of July 1 of the calendar year in question by 149 GPHUD.*
4. *Multiply the provider's new multifamily population for the year, as calculated pursuant to subsection D of this section, by 57 GPCD.*
5. *Multiply the number of new multifamily housing units within the provider's service area as of July 1 of the calendar year in question by 77 GPHUD.*
6. *Multiply the provider's total service area population for the year, as calculated pursuant to subsection D of this section, by the GPCD component for non-residential use as assigned to the provider in Table 5-103.A.*
7. *Divide the provider's allowable lost and unaccounted for water by the number of days in the calendar year. The provider's allowable lost and unaccounted for water is the lesser of the following:*

- a. *the provider's actual lost and unaccounted for water for the year, in gallons.*
 - b. *an amount calculated by multiplying the total gallons of water from any source, except direct use effluent, withdrawn, diverted or received by the provider during the year by 10 percent.*
8. *Add the results from paragraphs 1 through 7 of this subsection, and then divide the sum by the provider's annual service area population as of July 1 of that year. The quotient is the provider's total GPCD requirement for the calendar year.*

C. Compliance with Total GPCD Requirement

The director shall determine if a large municipal provider is in compliance with its total GPCD requirement for a calendar year pursuant to the flexibility account provisions in section 5-106, using the provider's service area population as calculated in subsection D of this section.

D. Calculation of Large Municipal Provider's Service Area Population

The director shall calculate a large municipal provider's service area population for a calendar year as follows, unless the director has approved an alternative methodology for calculating the provider's service area population prior to the calendar year in question:

1. *Determine the number of existing single family housing units and existing multifamily housing units served by the provider's distribution system as of July 1, 2000, less any existing single family housing units and any existing multifamily housing units removed from the provider's distribution system between July 1, 2000 and June 30 of the calendar year in question.*
2. *Adjust these totals by the respective average annual vacancy rate for single family housing units and multifamily housing units as calculated from the most recent census or other approved source of information.*
3. *Multiply the adjusted number of existing single family housing units calculated in paragraph 2 of this subsection by the average number of persons per occupied single family housing unit as calculated in accordance with the most recent census or other approved source of information.*
4. *Multiply the adjusted number of existing multifamily housing units calculated in paragraph 2 of this subsection by the average number of persons per occupied multifamily housing unit as calculated in accordance with the most recent census or other approved source of information.*
5. *Add the products from paragraphs 3 and 4 of this subsection. The sum is the provider's existing residential population.*
6. *Determine the number of new single family housing units and new multifamily housing units added to the provider's distribution system between July 1 of the previous calendar year and July 1 of the calendar year in question, less any new single family and new multifamily housing units removed from the system during that period.*

7. *Adjust these totals by the respective average annual vacancy rate for single family housing units and multifamily housing units as calculated from the most recent census or other approved source of information.*
8. *Multiply the adjusted number of new single family housing units calculated in paragraph 7 of this subsection by the average number of persons per occupied single family housing unit as calculated in accordance with the most recent census or other approved source of information.*
9. *Multiply the adjusted number of new multifamily housing units calculated in paragraph 7 of this subsection by the average number of persons per occupied multifamily housing unit as calculated in accordance with the most recent census or other approved source of information.*
10. *Add the product from paragraph 8 to the provider's new single family population as of July 1 of the previous year and add the product from paragraph 9 to the provider's new multifamily population as of July 1 of the previous year. The sums are the provider's new single family population and new multifamily population.*
11. *Add the results from paragraphs 5 and 10. The sum is the provider's service area population for the calendar year.*

**TABLE 5-103.A
EXISTING RESIDENTIAL AND NON-RESIDENTIAL GPCD COMPONENTS
PINAL ACTIVE MANAGEMENT AREA**

	<i>First Intermediate GPCD Component for Existing Residential Population (2002-2004)</i>	<i>Second Intermediate GPCD Component for Existing Residential Population (2005-2009)</i>	<i>Final GPCD Component for Existing Residential Population (2010-Fourth Management Plan)</i>	<i>GPCD Component for Non- Residential Use</i>
<i>AWC - Casa Grande</i>	127	125	123	99
<i>AWC - Coolidge</i>	105	103	101	29
<i>Town of Florence</i>	121	119	117	80
<i>City of Eloy</i>	107	105	103	65

E. Exclusion of Deliveries of Central Arizona Project Water from Total GPCD Requirement

1. Exclusion

A large municipal provider may apply to the director to have CAP water delivered by the provider to a non-residential customer excluded from the provider's total water use when determining the provider's compliance with its total GPCD requirement as established pursuant to subsection B of this section. The director shall grant a one time exclusion for a period not to exceed ten years if the director finds that all of the following apply:

- a. *The provider will ultimately serve direct use effluent to the non-residential customer from a wastewater treatment plant that is either in existence or planned for construction; the provider will begin replacing the deliveries of CAP water with*

WATER USE DATA SHEET BY MONTH FOR CALENDAR YEAR 2003

MONTH	NUMBER OF CUSTOMERS	GALLONS SOLD (THOUSANDS)	GALLONS PUMPED (THOUSANDS)
JANUARY	4327	17504.9	19948
FEBRUARY	4335	14523.1	15979
MARCH	4338	14030.5	17753
APRIL	4346	14526.9	20640
MAY	4367	23205	35162
JUNE	4401	38449.7	44725
JULY	4418	45258.2	43414
AUGUST	4421	30736.5	25189
SEPTEMBER	4457	25140.8	29026
OCTOBER	4463	23975.1	25850
NOVEMBER	4470	20986.4	15083
DECEMBER	4459	14711.9	20098
TOTAL		N/A	312867.0

Is the Water Utility Located in an ADWR Active Management Area (AMA)?

 X NO

Does the company have an ADWR Gallons Per Capita Per Day (GPCPD) requirement?

 X NO

What is the level of arsenic for each well on your system?

WELL	ARSENIC LEVEL (MG/L)
#1	0.0043
#2	<.002
#4	<.002
#5	<.002
#6	<.002
#7	<.005
PTL #1	<.002
PTL #2	<.002

WATER USE DATA SHEET BY MONTH FOR CALENDAR YEAR 2003

MONTH	NUMBER OF CUSTOMERS	GALLONS SOLD (THOUSANDS)	GALLONS PUMPED (THOUSANDS)
JANUARY	3500	6405.6	7118
FEBRUARY	3495	5559.9	5856
MARCH	3495	5132.4	6814
APRIL	3512	6160.9	9775
MAY	3534	11315.5	19606
JUNE	3572	22455.2	25644
JULY	3597	29473.2	29226
AUGUST	3617	18111.2	14772
SEPTEMBER	3636	12513.6	16227
OCTOBER	3639	14066.1	12628
NOVEMBER	3637	9809.6	6791
DECEMBER	3636	5859.6	8447
TOTAL		N/A	162904.0

Is the Water Utility Located in an ADWR Active Management Area (AMA)?

 YES X NO

Does the company have an ADWR Gallons Per Capita Per Day (GPCPD) requirement?

YES X NO

If yes, provide the GPCPD amount:

What is the level of arsenic for each well on your system?

[illegible]

WATER USE DATA SHEET BY MONTH FOR CALENDAR YEAR 2003

MONTH	NUMBER OF CUSTOMERS	GALLONS SOLD (THOUSANDS)	GALLONS PUMPED (THOUSANDS)
JANUARY	3012	19276.3	22606.1
FEBRUARY	3013	20314.9	20482.9
MARCH	3006	17827.9	23234.6
APRIL	3006	21867.4	27547.1
MAY	3009	27134.1	33952.2
JUNE	3009	35784.8	40981.6
JULY	3017	38037	41978.3
AUGUST	3017	31086.6	34849.5
SEPTEMBER	3025	29883.3	30837.9
OCTOBER	3018	23547.9	24875
NOVEMBER	3017	22588	20224.8
DECEMBER	3012	20796.5	26468.2
TOTAL		N/A	348038.2

Is the Water Utility Located in an ADWR Active Management Area (AMA)?

YES

 X NO

Does the company have an ADWR Gallons Per Capita Per Day (GPCPD) requirement?

YES

X NO

If yes, provide the GPCPD amount:

What is the level of arsenic for each well on your system?

WELL	ARSENIC LEVEL (MG/L)
#1*	0.005
#2*	<.0058
#3*	0.015
#4*	0.0062
#6	0.009
#7	<.002
#8	<.002
#9	<.002
#10	0.011
#11	0.003
#12	0.006
#17	<.002
#18	0.004

WELL	ARSENIC LEVEL (MG/L)
#19	<.002
#20	<.002
#21	<.002
#22	<.002
#23	0.005
#24	<.002
#25	<.002
#26	<.002
#27*	0.01

*Wells #1, #2, #3, #4 and #27 are in AWC's Miami System, but are owned by the Pinal Creek Group.

WATER USE DATA SHEET BY MONTH FOR CALENDAR YEAR 2003

MONTH	NUMBER OF CUSTOMERS	GALLONS SOLD (THOUSANDS)	GALLONS PUMPED (THOUSANDS)
JANUARY	1574	11427.9	14784
FEBRUARY	1581	13441	14895
MARCH	1578	10996.3	11058
APRIL	1580	14220.9	18307
MAY	1584	19747.2	22703
JUNE	1578	25590	33344
JULY	1582	30312.9	29565
AUGUST	1578	21922.5	25059
SEPTEMBER	1574	18059.8	19439
OCTOBER	1572	19182.1	23022
NOVEMBER	1569	17745.9	11705
DECEMBER	1570	12160.4	15053
TOTAL		N/A	238934.0

Is the Water Utility Located in an ADWR Active Management Area (AMA)?

X NO

Does the company have an ADWR Gallons Per Capita Per Day (GPCPD) requirement?

X NO

If yes, provide the GPCPD amount:

What is the level of arsenic for each well on your system?

[illegible]

WATER USE DATA SHEET BY MONTH FOR CALENDAR YEAR 2003

MONTH	NUMBER OF CUSTOMERS	GALLONS SOLD (THOUSANDS)	GALLONS PUMPED (THOUSANDS)
JANUARY	1421	7575.7	11076.8
FEBRUARY	1413	7768.1	7322.8
MARCH	1417	6781.4	8346.4
APRIL	1421	8200.7	9909.5
MAY	1416	9543	12782.2
JUNE	1427	13761	16745.8
JULY	1428	15356.5	14943.2
AUGUST	1436	9856.6	8935.2
SEPTEMBER	1428	9027.9	13210.8
OCTOBER	1435	9035.7	10304.9
NOVEMBER	1435	9191	7819.7
DECEMBER	1440	7559.1	10152.9
TOTAL		N/A	131550.2

Is the Water Utility Located in an ADWR Active Management Area (AMA)?

 X YES NO

Does the company have an ADWR Gallons Per Capita Per Day (GPCPD) requirement?

 X YES NO

If yes, provide the GPCPD amount:

Please see the attached calculation of GPCPD from the 3rd
Management Plan for Tucson Active Management Area 2000-2010.

What is the level of arsenic for each well on your system?

WELL	ARSENIC LEVEL (MG/L)
#2	0.003
#3	0.002
#4	0.004

5-103. Large Municipal Provider Total Gallons Per Capita Per Day Program

A. Total GPCD Requirement

1. *Beginning with the calendar year determined under paragraph 2 of this subsection, and for each calendar year thereafter until the first compliance date for any substitute municipal conservation requirement in the Fourth Management Plan, a large municipal provider regulated under the Total GPCD Program shall not withdraw, divert, or receive water from any source, except direct use effluent, effluent recovered within the area of impact and excluded CAP water, for non-irrigation use during a year in a total amount that exceeds its total GPCD requirement for the year as calculated in subsection B of this section, except as provided in the flexibility account provisions in section 5-106.*
2. *A large municipal provider regulated under the Total GPCD Program shall begin complying with its total GPCD requirements as calculated under subsection B of this section beginning with calendar year 2000, except that if the provider's total GPCD requirement for the year 2000 as calculated under subsection B of this section is lower than the provider's final total GPCD requirement under the Second Management Plan, the provider shall begin complying with its total GPCD requirements as calculated under subsection B of this section beginning with calendar year 2002.*

B. Calculation of the Annual Total GPCD Requirement

A large municipal provider's total GPCD requirement for a year shall be calculated as follows:

1. *For each calendar year 2000 through 2004, multiply the provider's existing residential population for the year, as calculated pursuant to subsection D of this section, by the first intermediate GPCD component for existing residential population as assigned to the provider in Table 5-5.*

For calendar years 2005 through 2009, multiply the provider's existing residential population for the year, as calculated pursuant to subsection D of this section, by the second intermediate GPCD component for existing residential population as assigned to the provider in Table 5-5.

For the calendar year 2010, and for each calendar year thereafter until the first compliance date for any substitute total GPCD requirement in the Fourth Management Plan, multiply the provider's existing residential population for the year, as calculated pursuant to subsection D of this section, by the final GPCD component for existing residential population as assigned to the provider in Table 5-5.

2. *Multiply the provider's new single family population for the year, as calculated pursuant to subsection D of this section, by 57 GPCD.*
3. *Multiply the number of new single family housing units within the provider's service area as of July 1 of the calendar year in question by 118 GPHUD.*
4. *Multiply the provider's new multifamily population for the year, as calculated pursuant to subsection D of this section, by 78 GPCD.*

5. *Multiply the provider's total service area population for the year, as calculated pursuant to subsection D of this section, by the GPCD component for non-residential use as assigned to the provider in Table 5-5.*
6. *Determine the provider's allocation for turf-related facilities for the year as follows:*
 - a. *Add together the maximum annual water allotments in Appendix 5G, in acre-feet, for those turf-related facilities assigned to the provider in Appendix 5G to which the provider served water from any source during the year. For any year in which the provider served water from any source to all of the turf-related facilities assigned to the provider in Appendix 5G, the sum of the allotments is shown in Table 5-5. The sum is the provider's turf-related facility component for the year.*
 - b. *Multiply the component from subparagraph a of this paragraph by 325,851 gallons and then divide the product by the number of days in the year.*
7. *Divide the provider's allowable lost and unaccounted for water by the number of days in the calendar year. The provider's allowable lost and unaccounted for water is the lesser of the following:*
 - a. *the provider's actual lost and unaccounted for water for the year, in gallons.*
 - b. *an amount calculated by multiplying the total gallons of water from any source, except direct use effluent, withdrawn, diverted, or received by the provider during the year by 10 percent.*
8. *Add the results from paragraphs 1 through 7 of this subsection and then divide the sum by the provider's annual service area population as of July 1 of that year. The quotient is the provider's total GPCD requirement for the calendar year.*

C. Compliance with Total GPCD Requirement

The director shall determine if a large municipal provider is in compliance with its total GPCD requirement for a calendar year pursuant to the flexibility account provisions in section 5-106, using the provider's service area population as calculated in subsection D of this section.

D. Calculation of Large Municipal Provider's Service Area Population

The director shall calculate a large municipal provider's service area population for a calendar year as follows, unless the director has approved an alternative methodology for calculating the provider's service area population prior to the calendar year in question:

1. *Determine the number of existing single family housing units and existing multifamily housing units served by the provider's distribution system as of July 1, 2000 less any existing single family housing units and any existing multifamily housing units removed from the provider's distribution system between July 1, 2000 and June 30 of the calendar year in question.*

TABLE 5-5
EXISTING RESIDENTIAL, NON-RESIDENTIAL, AND TURF-RELATED FACILITY
COMPONENTS
TUCSON ACTIVE MANAGEMENT AREA

Provider	Existing Residential (GPCD)			Non-Residential (GPCD)	Turf-related Facility (AF/year)
	TMP 1	TMP 2	TMP Final		
Arizona Water Company	98	98	98	8 ¹	0
ASPC - Tucson ³	N/A	N/A	N/A	N/A	N/A
Avra Water Coop	109	108	108	4 ¹	0
City of Tucson	110	108	106	37	2,871.2 ²
Community Water Company of Green Valley	111	110	110	21	0
Davis-Monthan Air Force Base	124	121	119	161	358.8 ²
Farmers Water Company	147	139	133	116	0
Flowing Wells Irrigation District	126	121	118	21	149.1 ²
Forty-Niner Water Company	275	255	240	15 ¹	504.5 ²
Green Valley Water Company	149	149	149	27	1,386.6 ²
Lago del Oro Water Company	124	123	122	23	628.1 ²
Las Quintas Serenas Water Co.	107	104	102	15 ¹	0
Marana Water Service	137	135	133	0 ¹	0
Metropolitan DWID	145	141	137	25	0
Ray Water Company	104	102	102	8 ¹	0
Town of Oro Valley	130	129	128	40	1,555.2 ²
Town of Marana	114	113	112	7 ¹	0
University of Arizona	40	40	40	199	0
Voyager Water Company	80	80	80	23	0

TMP = Third Management Plan

AF = acre-feet

ASPC = Arizona State Prison Complex

DWID = Domestic Water Improvement District

¹ Providers with a non-residential component less than 21 GPCD may increase their non-residential component up to 21 GPCD.

² The number shown in this column is the sum of the maximum annual water allotment for all turf-related facilities assigned to the provider in Appendix 5G. In any year in which the provider serves water from any source to some, but not all, of the turf-related facilities assigned to the provider in Appendix 5G, the provider's turf-related facilities component for the year is the sum of the maximum annual water allotments shown in Appendix 5G for the turf-related facilities listed in that appendix to which the provider served water during the year.

³ Institutional Provider

2. *Adjust these totals by the respective average annual vacancy rate for single family housing units and multifamily housing units as calculated from the most recent census or other approved source of information.*
3. *Multiply the adjusted number of existing single family housing units calculated in paragraph 2 of this subsection by the average number of persons per occupied single family housing unit as calculated in accordance with the most recent census or other approved source of information.*
4. *Multiply the adjusted number of existing multifamily housing units calculated in paragraph 2 of this subsection by the average number of persons per occupied multifamily housing unit as calculated in accordance with the most recent census or other approved source of information.*
5. *Add the products from paragraphs 3 and 4 of this subsection. The sum is the provider's existing residential population.*
6. *Determine the number of new single family housing units and new multifamily housing units added to the provider's distribution system between July 1 of the previous calendar year and July 1 of the calendar year in question, less any new single family and new multifamily housing units removed from the system during that period.*
7. *Adjust these totals by the respective average annual vacancy rate for single family housing units and multifamily housing units as calculated from the most recent census or other approved source of information.*
8. *Multiply the adjusted number of new single family housing units calculated in paragraph 7 of this subsection by the average number of persons per occupied single family housing unit as calculated in accordance with the most recent census or other approved source of information.*
9. *Multiply the adjusted number of new multifamily housing units calculated in paragraph 7 of this subsection by the average number of persons per occupied multifamily housing unit as calculated in accordance with the most recent census or other approved source of information.*
10. *Add the product from paragraph 8 to the provider's new single family population as of July 1 of the previous year and add the product from paragraph 9 to the provider's new multifamily population as of July 1 of the previous year. The sums are the provider's new single family population and new multifamily population.*
11. *Add the results from paragraphs 5 and 10. The sum is the provider's service area population for the calendar year.*

E. *Exclusion of Deliveries of Central Arizona Project Water from Total GPCD Requirement*

1. *Exclusion*

A large municipal provider may apply to the director to have CAP water delivered by the provider to a non-residential customer excluded from the provider's total water use when determining the provider's compliance with its total GPCD requirement as established

WATER USE DATA SHEET BY MONTH FOR CALENDAR YEAR 2003

MONTH	NUMBER OF CUSTOMERS	GALLONS SOLD (THOUSANDS)	GALLONS PUMPED (THOUSANDS)
JANUARY	176	1970.7	2025.4
FEBRUARY	178	2091.1	1798.6
MARCH	176	1779	2261.9
APRIL	179	2505.7	3382
MAY	179	3345.1	4738.9
JUNE	180	4699.4	6227.7
JULY	180	6966.8	6546.7
AUGUST	179	5113.3	3211.1
SEPTEMBER	178	3301.5	3865.3
OCTOBER	177	3384.5	4293.2
NOVEMBER	177	4392.8	3181
DECEMBER	172	1956.4	1161.3
TOTAL		N/A	42693.1

Is the Water Utility Located in an ADWR Active Management Area (AMA)?

 YES X NO

Does the company have an ADWR Gallons Per Capita Per Day (GPCPD) requirement?

YES X NO

If yes, provide the GPCPD amount:

What is the level of arsenic for each well on your system?

[illegible]

WATER USE DATA SHEET BY MONTH FOR CALENDAR YEAR 2003

MONTH	NUMBER OF CUSTOMERS	GALLONS SOLD (THOUSANDS)	GALLONS PUMPED (THOUSANDS)
JANUARY	5943	58864.1	62034
FEBRUARY	5959	60057.8	56825
MARCH	5966	53355.4	65875
APRIL	6012	71562.5	84154
MAY	6020	92200.5	111906
JUNE	6037	115600.4	134668
JULY	6060	147508	147223
AUGUST	6071	120627.5	108573
SEPTEMBER	6082	99072.1	113747
OCTOBER	6124	105306.3	112895
NOVEMBER	6138	96219.4	70167
DECEMBER	6140	71598.7	81089
TOTAL		N/A	1149156.0

Is the Water Utility Located in an ADWR Active Management Area (AMA)?

 YES X NO

Does the company have an ADWR Gallons Per Capita Per Day (GPCPD) requirement?

 YES X NO

If yes, provide the GPCPD amount: _____

What is the level of arsenic for each well on your system?

WELL	ARSENIC LEVEL (MG/L)
#2	0.003
#4	0.004
#5	0.007
#6	0.008
#7	0.01
#8	0.007
#9	0.008
#10	0.012
#11	0.015
SGR	0.045
RR	0.048
WHM	0.048
VV	>.05
SU	>.05

WATER USE DATA SHEET BY MONTH FOR CALENDAR YEAR 2003

MONTH	NUMBER OF CUSTOMERS	GALLONS SOLD (THOUSANDS)	GALLONS PUMPED (THOUSANDS)
JANUARY	2815	3933.7	4920
FEBRUARY	2805	3374.4	4141
MARCH	2812	3360.7	4606
APRIL	2803	3229.4	4468
MAY	2805	3857.4	11204
JUNE	2819	12860	17474
JULY	2836	18353.1	19114
AUGUST	2837	15090.4	14372
SEPTEMBER	2836	11098.8	11901
OCTOBER	2847	9054.4	9158
NOVEMBER	2836	6417.1	4780
DECEMBER	2836	3148.3	5447
TOTAL		N/A	111585.0

Is the Water Utility Located in an ADWR Active Management Area (AMA)?

 YES X NO

Does the company have an ADWR Gallons Per Capita Per Day (GPCPD) requirement?

YES X NO

If yes, provide the GPCPD amount:

What is the level of arsenic for each well on your system?

[illegible]

WATER USE DATA SHEET BY MONTH FOR CALENDAR YEAR 2003

MONTH	NUMBER OF CUSTOMERS	GALLONS SOLD (THOUSANDS)	GALLONS PUMPED (THOUSANDS)
JANUARY	1091	5398.1	6210
FEBRUARY	1092	5316.7	5476
MARCH	1101	5445.1	6730
APRIL	1110	6410	7783
MAY	1098	7819.4	10009
JUNE	1108	11571.6	14690
JULY	1106	12306.5	16404
AUGUST	1105	10460.8	10034
SEPTEMBER	1121	7761.7	10879
OCTOBER	1118	9476.3	10280
NOVEMBER	1122	7627.1	6370
DECEMBER	1122	5557.3	8294
TOTAL		N/A	113159.0

Is the Water Utility Located in an ADWR Active Management Area (AMA)?

YES

X NO

Does the company have an ADWR Gallons Per Capita Per Day (GPCPD) requirement?

YES

X NO

If yes, provide the GPCPD amount:

What is the level of arsenic for each well on your system?

[illegible]

WATER USE DATA SHEET BY MONTH FOR CALENDAR YEAR 2003

MONTH	NUMBER OF CUSTOMERS	GALLONS SOLD (THOUSANDS)	GALLONS PUMPED (THOUSANDS)
JANUARY	1283	12057.3	15306.9
FEBRUARY	1281	13765.2	15497
MARCH	1286	9893	8250.1
APRIL	1293	7988.6	11232
MAY	1289	11139.3	11205
JUNE	1297	12170.8	16352
JULY	1299	13054	6942
AUGUST	1293	11451.3	23260
SEPTEMBER	1286	10029.5	10598
OCTOBER	1277	8438.2	11681
NOVEMBER	1280	9506.1	9242
DECEMBER	1278	7628.9	10671
TOTAL		N/A	150237.0

Is the Water Utility Located in an ADWR Active Management Area (AMA)?

 X YES NO

Does the company have an ADWR Gallons Per Capita Per Day (GPCPD) requirement?

 X YES NO

If yes, provide the GPCPD amount:

Please see the attached calculation of GPCPD from the 3rd
Management Plan for Phoenix Active Management Area 2000-2010.

What is the level of arsenic for each well on your system?

WELL	ARSENIC LEVEL (MG/L)
#1	0.01
#2	0.022
#3	0.01

listed in Appendix 5-L, (Low Water Use/Drought Tolerant Plant List or modifications to the list) and the total surface area of all bodies of water filled or refilled with water from any source, including effluent, that are an integral part of the landscaped area. Bodies of water used primarily for swimming purposes are not an integral part of a landscaped area.

5-102. Large Municipal Providers - Conservation Programs

- A. Beginning with the calendar year determined under section 5-103, subsection A, paragraph 2, and continuing until the first compliance date for any substitute requirement in the Fourth Management Plan, a large municipal provider shall be regulated under the Total Gallons Per Capita Per Day (GPCD) Program described in section 5-103, unless the provider has applied for and been accepted for regulation under the Non-Per Capita Conservation Program described in section 5-104 or the Alternative Conservation Program described in section 5-105, or is designated as an institutional provider under section 5-108.*

If a large municipal provider is accepted into the Non-Per Capita Conservation Program, the Alternative Conservation Program, or is designated as an institutional provider, the provider shall continue to comply with its total GPCD requirement until the first compliance date assigned by the director for the provider under the Alternative Conservation Program, the Non-Per Capita Conservation Program, or the Institutional Provider Program.

A large municipal provider that was regulated under the Non-Per Capita Conservation Program, the Alternative Conservation Program or the Institutional Provider Program under the Second Management Plan and that applies to be regulated under the same program in the Third Management Plan 180 days following adoption of the plan shall continue to be regulated under the Non-Per Capita Conservation Program, the Alternative Conservation Program or the Institutional Provider Program under the Second Management Plan, whichever applies, until January 1, 2002 or until the director approves or denies the provider's application under the Third Management Plan, whichever is later.

- B. A large municipal provider may apply for the Non-Per Capita Conservation Program as described in section 5-104. If the director approves the application, the provider shall comply with the requirements of the Non-Per Capita Conservation Program beginning on a date determined by the director but not later than January 1 of the year following the year in which the application is approved.*
- C. A large municipal provider may apply for the Alternative Conservation Program as described in section 5-105. If the director approves the application, the provider shall comply with the requirements of the Alternative Conservation Program beginning on a date determined by the director but not later than January 1 of the year following the year in which the application is approved.*
- D. A large municipal provider may apply for designation as an institutional provider pursuant to section 5-108. If the director approves the application, the provider shall comply with the institutional provider requirements assigned by the director beginning on a date determined by the director but not later than January 1 of the year following the year in which the application is approved.*
- E. A large untreated water provider shall comply with the requirements of section 5-107.*

- F. *All municipal providers shall comply with individual user requirements, distribution system requirements, and applicable monitoring and reporting requirements as prescribed in sections 5-112, 5-113, and 5-114.*

5-103. Large Municipal Provider Total Gallons Per Capita Per Day Program

A. Total GPCD Requirement

1. *Beginning with the calendar year determined under paragraph 2 of this subsection, and for each calendar year thereafter until the first compliance date for any substitute municipal conservation requirement in the Fourth Management Plan, a large municipal provider regulated under the total GPCD program shall not withdraw, divert or receive water from any source, except spillwater, direct use effluent, effluent recovered within the area of impact, and excluded CAP water, for non-irrigation use during a year in a total amount that exceeds its total GPCD requirement for the year as calculated in subsection B of this section, except as provided in the flexibility account provisions in section 5-106.*
2. *A large municipal provider regulated under the Total GPCD Program shall begin complying with its total GPCD requirements as calculated under subsection B of this section beginning with calendar year 2000, except that if the provider's total GPCD requirement for the year 2000 as calculated under subsection B of this section is lower than the provider's final total GPCD requirement under the Second Management Plan, the provider shall begin complying with its total GPCD requirements as calculated under subsection B of this section beginning with calendar year 2002.*

B. Calculation of the Annual Total GPCD Requirement

A large municipal provider's total GPCD requirement for a year shall be calculated as follows:

1. *For calendar years 2000 through 2004, multiply the provider's existing residential population for the year, as calculated pursuant to subsection D of this section, by the first intermediate GPCD component for existing residential population as assigned to the provider in Table 5-103.A.*

For calendar years 2005 through 2009, multiply the provider's existing residential population for the year, as calculated pursuant to subsection D of this section, by the second intermediate GPCD component for existing residential population as assigned to the provider in Table 5-103.A.

For the calendar year 2010, and for each calendar year thereafter until the first compliance date for any substitute total GPCD requirement in the Fourth Management Plan, multiply the provider's existing residential population for the year, as calculated pursuant to subsection D of this section, by the final GPCD component for existing residential population as assigned to the provider in Table 5-103.A.

2. *Multiply the provider's new single family population for the year, as calculated pursuant to subsection D of this section, by 57 GPCD.*
3. *Multiply the number of new single family housing units within the provider's service area as of July 1 of the calendar year in question by 178 GPHUD.*

4. *Multiply the provider's new multifamily population for the year, as calculated pursuant to subsection D of this section, by 57 GPCD.*
5. *Multiply the number of new multifamily housing units within the provider's service area as of July 1 of the calendar year in question by 77 GPHUD.*
6. *Multiply the provider's total service area population for the year, as calculated pursuant to subsection D of this section, by the GPCD component for non-residential use as assigned to the provider in Table 5-103.A.*
7. *Divide the provider's allowable lost and unaccounted for water by the number of days in the calendar year. The provider's allowable lost and unaccounted for water is the lesser of the following:*
 - a. *the provider's actual lost and unaccounted for water for the year, in gallons.*
 - b. *an amount calculated by multiplying the total gallons of water from any source, except direct use effluent, withdrawn, diverted or received by the provider during the year by 10 percent.*
8. *Add the results from paragraphs 1 through 7 of this subsection, and then divide the sum by the provider's annual service area population as of July 1 of that year. The quotient is the provider's total GPCD requirement for the calendar year.*

C. Compliance with Total GPCD Requirement

The director shall determine if a large municipal provider is in compliance with its total GPCD requirement for a calendar year pursuant to the flexibility account provisions in section 5-106, using the provider's service area population as calculated in subsection D of this section.

D. Calculation of Large Municipal Provider's Service Area Population

The director shall calculate a large municipal provider's service area population for a calendar year as follows, unless the director has approved an alternative methodology for calculating the provider's service area population prior to the calendar year in question:

1. *Determine the number of existing single family housing units and existing multifamily housing units served by the provider's distribution system as of July 1, 2000, less any existing single family housing units and any existing multifamily housing units removed from the provider's distribution system between July 1, 2000 and June 30 of the calendar year in question.*
2. *Adjust these totals by the respective average annual vacancy rate for single family housing units and multifamily housing units as calculated from the most recent census or other approved source of information.*
3. *Multiply the adjusted number of existing single family housing units calculated in paragraph 2 of this paragraph by the average number of persons per occupied single family housing unit as calculated in accordance with the most recent census or other approved source of information.*

TABLE 5-103.A
GPCD COMPONENT REQUIREMENTS
FOR EXISTING RESIDENTIAL AND NON-RESIDENTIAL
PHOENIX ACTIVE MANAGEMENT AREA

<i>Provider</i>	<i>Existing Residential</i>			<i>Non-Residential</i>
	<i>TMP-1</i>	<i>TMP-2</i>	<i>TMP-Final</i>	
<i>Adaman Mutual Water Company</i>	108	107	105	30
<i>AJ Water Facilities District</i>	100	100	100	62
<i>City of Avondale</i>	118	109	100	36
<i>AWC - Apache Junction</i>	100	100	100	34
<i>AWC - Superior</i>	100	100	100	18
<i>AWC - White Tanks</i>	136	123	111	18
<i>Berneil Water Company</i>	421	407	392	18
<i>Town of Buckeye</i>	100	100	100	47
<i>Carefree Water Company</i>	205	198	191	341
<i>Cave Creek Water Company</i>	111	109	107	45
<i>City of Chandler</i>	127	123	119	66
<i>Chaparral City Water Company</i>	140	136	133	119
<i>Citizens Utilities - Agua Fria</i>	105	103	100	19
<i>Citizens Utilities - Sun City</i>	192	184	176	50
<i>Citizens Utilities - Sun City West</i>	160	157	155	26
<i>Desert Hills Water Company</i>	102	101	100	18
<i>City of El Mirage</i>	113	107	100	39
<i>Town of Gilbert</i>	138	135	131	53
<i>City of Glendale</i>	124	121	118	52
<i>City of Goodyear</i>	136	118	100	117
<i>H2O Water Company</i>	100	100	100	18
<i>Litchfield Park Service Company</i>	178	172	165	124
<i>Luke Air Force Base</i>	100	100	100	184
<i>City of Mesa</i>	130	116	103	51
<i>Paradise Valley Water Company</i>	436	421	406	240
<i>City of Peoria</i>	130	116	102	45

TABLE 5-103.A
GPCD COMPONENT REQUIREMENTS
FOR EXISTING RESIDENTIAL AND NON-RESIDENTIAL
PHOENIX ACTIVE MANAGEMENT AREA

<i>Provider</i>	<i>Existing Residential</i>			<i>Non-Residential</i>
	<i>TMP 1</i>	<i>TMP 2</i>	<i>TMP Final</i>	
<i>City of Phoenix</i>	135	129	123	66
<i>Pima Utilities</i>	133	127	122	287
<i>Queen Creek Water Company</i>	194	175	156	30
<i>Rio Verde Utilities</i>	141	139	137	855
<i>Rose Valley Water Company</i>	172	166	160	18
<i>City of Scottsdale</i>	171	166	162	71
<i>Sunrise Water Company</i>	133	129	124	18
<i>City of Tempe</i>	128	124	121	113
<i>City of Tolleson</i>	123	120	117	35
<i>Valley Utilities</i>	116	108	100	18
<i>Williams Air Park</i>	101	101	100	308

4. Multiply the adjusted number of existing multifamily housing units calculated in paragraph 2 of this subsection by the average number of persons per occupied multifamily housing unit as calculated in accordance with the most recent census or other approved source of information.
5. Add the products from paragraphs 3 and 4 of this subsection. The sum is the provider's existing residential population.
6. Determine the number of new single family housing units and new multifamily housing units added to the provider's distribution system between July 1 of the previous calendar year and July 1 of the calendar year in question, less any new single family and new multifamily housing units removed from the system during that period.
7. Adjust these totals by the respective average annual vacancy rate for single family housing units and multifamily housing units as calculated from the most recent census or other approved source of information.
8. Multiply the adjusted number of new single family housing units calculated in paragraph 7 of this subsection by the average number of persons per occupied single family housing unit as calculated in accordance with the most recent census or other approved source of information.
9. Multiply the adjusted number of new multifamily housing units calculated in paragraph 7 of this subsection by the average number of persons per occupied multifamily housing

unit as calculated in accordance with the most recent census or other approved source of information.

10. Add the product from paragraph 8 of this subsection to the provider's new single family population as of July 1 of the previous year and add the product from paragraph 9 of this subsection to the provider's new multifamily population as of July 1 of the previous year. The sums are the provider's new single family population and new multifamily population.
11. Add the results from paragraphs 5 and 10 of this subsection. The sum is the provider's service area population for the calendar year.

E. Exclusion of Deliveries of Central Arizona Project Water from Total GPCD Requirement

1. Exclusion

A large municipal provider may apply to the director to have CAP water delivered by the provider to a non-residential customer excluded from the provider's total water use when determining the provider's compliance with its total GPCD requirement as established pursuant to subsection B of this section. The director shall grant a one time exclusion for a period not to exceed ten years if the director finds that all of the following apply:

- a. The provider will ultimately serve direct use effluent to the non-residential customer from a wastewater treatment plant that is either in existence or planned for construction; the provider will begin replacing the deliveries of CAP water with direct use effluent as soon as direct use effluent becomes available for delivery to the non-residential customer from the treatment facility; and the provider will completely replace the deliveries of CAP water with direct use effluent within a reasonable period of time, not to exceed ten years.
- b. The CAP water that the provider will deliver to the non-residential customer cannot be delivered through the provider's potable water distribution system to any of its customers located outside the boundaries of a water users association, as defined in A.R.S. § 10-140, because of treatment facility or distribution system limitations, and the provider's CAP water treatment facilities and potable water distribution system have a reasonable level of capacity.
- c. Granting the exclusion will result in the non-residential customer receiving effluent sooner than it would if the exclusion is not granted, and the effluent that the non-residential customer will receive as a result of the exclusion would not otherwise be put to a direct beneficial use by the provider.
- d. Neither the Non-Per Capita Conservation Program described in section 5-104 of this chapter nor the Alternative Conservation Program described in section 5-105 of this chapter are currently an appropriate conservation program for the provider.
- e. If the non-residential customer is a turf-related facility, a large-scale cooling facility, or a publicly owned right-of-way, the customer will be required to comply with conservation requirements during the duration of the exclusion identical to the conservation requirements that would apply to the customer under section 5-112 of this chapter if the customer was using groundwater.

COMPANY NAME ARIZONA WATER COMPANY YEAR ENDING 12/31/2003

PROPERTY TAXES

Amount of actual property taxes paid during Calendar Year 2003 was: \$ 2,085,806

Attach to this annual report proof (e.g. property tax bills stamped "paid in full" or copies of cancelled checks for property tax payments) of any and all property taxes paid during the calendar year.

If no property taxes paid, explain why. _____

COMPANY NAME ARIZONA WATER COMPANY

YEAR ENDING 12/31/2003

INCOME TAXES

For this reporting period, provide the following:

Federal Taxable Income Reported	<u>1,332,410</u>	<u>*</u>
Estimated or Actual Federal Tax Liability	<u>453,019</u>	<u>*</u>
State Taxable Income Reported	<u>6,035,882</u>	<u>*</u>
Estimated or Actual State Tax Liability	<u>420,580</u>	<u>*</u>

Amount of Grossed-Up Contributions/Advances:

Amount of Contributions/Advances	<u>-0-</u>
Amount of Gross-Up Tax Collected	<u>-0-</u>
Total Grossed-Up Contributions/Advances	<u>-0-</u>

Decision No. 55774 states, in part, that the utility will refund any excess gross-up funds collected at the close of the tax year when tax returns are completed. Pursuant to this Decision, if gross-up tax refunds are due to any Payer or if any gross-up tax refunds have already been made, attach the following information by Payer: name and amount of contribution/advance, the amount of gross-up tax collected, the amount of refund due to each Payer, and the date the Utility expects to make or has made the refund to the Payer.

* Estimated returns are filed on or about September 15.

CERTIFICATION

The undersigned hereby certifies that the Utility has refunded to Payers all gross-up tax refunds reported in the prior year's annual report. This certification is to be signed by the President or Chief Executive Officer, if a corporation; the managing general partner, if a partnership; the managing member, if a limited liability company or the sole proprietor, if a sole proprietorship.

William M. Garfield

SIGNATURE

4-14-2004

DATE

William M. Garfield

PRINTED NAME

President

TITLE

**VERIFICATION
AND
SWORN STATEMENT
Intrastate Revenues Only**

RECEIVED

APR 14 2004

AZ CORPORATION COMMISSION
DIRECTOR OF UTILITIES

VERIFICATION

STATE OF _____
I, THE UNDERSIGNED
OF THE

COUNTY OF (COUNTY NAME)
Maricopa
NAME (OWNER OR OFFICIAL) TITLE
William M. Garfield, President
COMPANY NAME
Arizona Water Company

DO SAY THAT THIS ANNUAL UTILITY REPORT TO THE ARIZONA CORPORATION COMMISSION

FOR THE YEAR ENDING

MONTH	DAY	YEAR
12	31	2003

HAS BEEN PREPARED UNDER MY DIRECTION, FROM THE ORIGINAL BOOKS, PAPERS AND RECORDS OF SAID UTILITY; THAT I HAVE CAREFULLY EXAMINED THE SAME, AND DECLARE THE SAME TO BE A COMPLETE AND CORRECT STATEMENT OF BUSINESS AND AFFAIRS OF SAID UTILITY FOR THE PERIOD COVERED BY THIS REPORT IN RESPECT TO EACH AND EVERY MATTER AND THING SET FORTH, TO THE BEST OF MY KNOWLEDGE, INFORMATION AND BELIEF.

SWORN STATEMENT

IN ACCORDANCE WITH THE REQUIREMENT OF TITLE 40, ARTICLE 8, SECTION 40-401, ARIZONA REVISED STATUTES, IT IS HEREIN REPORTED THAT THE GROSS OPERATING REVENUE OF SAID UTILITY DERIVED FROM ARIZONA INTRASTATE UTILITY OPERATIONS DURING CALENDAR YEAR 2003 WAS:

Arizona Intrastate Gross Operating Revenues Only (\$)

\$ 37,545,304

(THE AMOUNT IN BOX ABOVE
INCLUDES \$ 2,861,485
IN SALES TAXES BILLED, OR COLLECTED)

****REVENUE REPORTED ON THIS PAGE MUST
INCLUDE SALES TAXES BILLED OR
COLLECTED. IF FOR ANY OTHER REASON,
THE REVENUE REPORTED ABOVE DOES NOT
AGREE WITH TOTAL OPERATING REVENUES
ELSEWHERE REPORTED, ATTACH THOSE
STATEMENTS THAT RECONCILE THE
DIFFERENCE. (EXPLAIN IN DETAIL)**

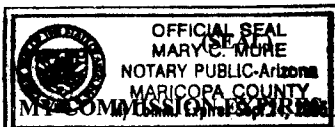
William M Garfield
SIGNATURE OF OWNER OR OFFICIAL
(602) 240-6860
TELEPHONE NUMBER

SUBSCRIBED AND SWORN TO BEFORE ME

A NOTARY PUBLIC IN AND FOR THE COUNTY OF

THIS 14th DAY OF

COUNTY NAME	Maricopa	
MONTH	April	2004



9-24-06

Mary C Mure
SIGNATURE OF NOTARY PUBLIC

**VERIFICATION
AND
SWORN STATEMENT
RESIDENTIAL REVENUE
INTRASTATE REVENUES ONLY**

RECEIVED

APR 14 2004

AZ CORPORATION COMMISSION
DIRECTOR OF UTILITIES

VERIFICATION

STATE OF ARIZONA

I, THE UNDERSIGNED

OF THE

COUNTY OF (COUNTY NAME) Maricopa	
NAME (OWNER OR OFFICIAL) William M. Garfield	TITLE President
COMPANY NAME Arizona Water Company	

DO SAY THAT THIS ANNUAL UTILITY REPORT TO THE ARIZONA CORPORATION COMMISSION

FOR THE YEAR ENDING

MONTH 12	DAY 31	YEAR 2003
-------------	-----------	--------------

HAS BEEN PREPARED UNDER MY DIRECTION, FROM THE ORIGINAL BOOKS, PAPERS AND RECORDS OF SAID UTILITY; THAT I HAVE CAREFULLY EXAMINED THE SAME, AND DECLARE THE SAME TO BE A COMPLETE AND CORRECT STATEMENT OF BUSINESS AND AFFAIRS OF SAID UTILITY FOR THE PERIOD COVERED BY THIS REPORT IN RESPECT TO EACH AND EVERY MATTER AND THING SET FORTH, TO THE BEST OF MY KNOWLEDGE, INFORMATION AND BELIEF.

SWORN STATEMENT

IN ACCORDANCE WITH THE REQUIREMENTS OF TITLE 40, ARTICLE 8, SECTION 40-401.01, ARIZONA REVISED STATUTES, IT IS HEREIN REPORTED THAT THE GROSS OPERATING REVENUE OF SAID UTILITY DERIVED FROM ARIZONA INTRASTATE UTILITY OPERATIONS RECEIVED FROM RESIDENTIAL CUSTOMERS DURING CALENDAR YEAR 2003 WAS:

ARIZONA INTRASTATE GROSS OPERATING REVENUES

\$ 27,942,738

(THE AMOUNT IN BOX AT LEFT
INCLUDES \$ 2,129,628
IN SALES TAXES BILLED, OR COLLECTED)

*RESIDENTIAL REVENUE REPORTED ON THIS PAGE
MUST INCLUDE SALES TAXES BILLED.


SIGNATURE OF OWNER OR OFFICIAL

(602) 240-6860

TELEPHONE NUMBER

SUBSCRIBED AND SWORN TO BEFORE ME

A NOTARY PUBLIC IN AND FOR THE COUNTY OF

THIS

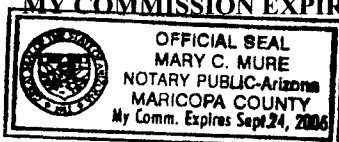
14th


DAY OF

NOTARY PUBLIC NAME Mary C. Mure	
COUNTY NAME Maricopa	
MONTH April	.2004

(SEAL)

MY COMMISSION EXPIRES 9-24-06



X 
SIGNATURE OF NOTARY PUBLIC